

CASE NO. 21964

**APPLICATIONS OF MEWBOURNE OIL COMPANY FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO**

MEWBOURNE OIL COMPANY'S EXHIBIT LIST

1. Application and Proposed Notice
2. Landman's Affidavit
3. Geologist's Affidavit
4. Notice Affidavit
5. Affidavit of Publication
6. Pooling Checklist

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

**APPLICATION OF MEWBOURNE OIL COMPANY
FOR COMPULSORY POOLING, EDDY COUNTY,
NEW MEXICO.**

Case No. 21964

APPLICATION

Mewbourne Oil Company applies for an order pooling all mineral interests in the Wolfcamp formation underlying a horizontal spacing unit comprised of the S $\frac{1}{2}$ S $\frac{1}{2}$ of Section 9 and the S $\frac{1}{2}$ S $\frac{1}{2}$ of Section 10, Township 20 South, Range 29 East, N.M.P.M., Eddy County, New Mexico, and in support thereof, states:

1. Applicant is an interest owner in the S $\frac{1}{2}$ S $\frac{1}{2}$ of Section 9 and the S $\frac{1}{2}$ S $\frac{1}{2}$ of Section 10, and has the right to drill a well thereon.

2. Applicant proposes to drill the Perazzi 9-10 WOMP Fed. Well No. 1H to a depth sufficient to test the Wolfcamp formation, and dedicate the S $\frac{1}{2}$ S $\frac{1}{2}$ of Section 9 and the S $\frac{1}{2}$ S $\frac{1}{2}$ of Section 10 to the well. The well is a horizontal well, with a first take point in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 9 and a last take point in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 10.

3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the S $\frac{1}{2}$ S $\frac{1}{2}$ of Section 9 and the S $\frac{1}{2}$ S $\frac{1}{2}$ of Section 10 for the purposes set forth herein.

4. Although applicant attempted to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the well or to otherwise commit their interests to the well, certain interest owners have failed or refused to join in dedicating their interests. Therefore, applicant seeks an order pooling all mineral interest owners in the Wolfcamp

EXHIBIT /

formation underlying S $\frac{1}{2}$ S $\frac{1}{2}$ of Section 9 and the S $\frac{1}{2}$ S $\frac{1}{2}$ of Section 10, pursuant to NMSA 1978 §70-2-17.

5. The pooling of all mineral interests in the Wolfcamp formation underlying the S $\frac{1}{2}$ S $\frac{1}{2}$ of Section 9 and the S $\frac{1}{2}$ S $\frac{1}{2}$ of Section 10 will prevent the drilling of unnecessary wells, prevent waste, and protect correlative rights.

WHEREFORE, applicant requests that, after notice and hearing, the Division enter its order:

- A. Pooling all mineral interests in the Wolfcamp formation underlying the S $\frac{1}{2}$ S $\frac{1}{2}$ of Section 9 and the S $\frac{1}{2}$ S $\frac{1}{2}$ of Section 10;
- B. Designating applicant as operator of the well;
- C. Considering the cost of drilling, completing, and equipping the well, and allocating the cost among the well's working interest owners;
- D. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- E. Setting a 200% charge for the risk involved in drilling, completing, and equipping the well in the event a working interest owner elects not to participate in the well.

Respectfully submitted,



James Bruce
Post Office Box 1056
Santa Fe, New Mexico 87504
(505) 982-2043

Attorney for Mewbourne Oil Company

Application of Mewbourne Oil Company for compulsory pooling, Eddy County, New Mexico.

Mewbourne Oil Company seeks an order of all mineral interests in the Wolfcamp formation underlying a horizontal spacing unit comprised of the S/2S/2 of Section 9 and the S/2S/2 of Section 10, Township 20 South, Range 29 East, NMPM. The unit will be dedicated to the Perazzi 9-10 W0MP Fed. Com. Well No. 1H, a horizontal well with a first take point in the SW/4SW/4 of Section 9, and a final take point in the SE/4SE/4 of Section 10. Also to be considered will be the cost of drilling, completing, and equipping the well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a 200% charge for the risk involved in drilling, completing, and equipping the well. The unit is located approximately 15-1/2 miles east-southeast of Lakewood, New Mexico.

formation (Case No. 21222) in horizontal spacing unit comprised of the S/2 of Section 9 and the S/2 of Section 10, Township 20 South, Range 29 East, NMPM.

- (d) The following wells will be dedicated to the well units:
- (i) In Case No. 21221, the Perazzi 9-10 B3MP Fed. Well No. 1H, a Third Bone Spring horizontal well with a first take point in the SW/4SW/4 of Section 9 and a last take point in the SE/4SE/4 of Section 10; and
 - (ii) In Case No. 21222, the Perazzi 9-10 WOMP Fed. Com. Well No. 1H, an upper Wolfcamp horizontal well with a first take point in the SW/4SW/4 of Section 9 and a final take point in the SE/4SE/4 of Section 10.
- (e) There are no depth severances in the Bone Spring or Wolfcamp formations.
- (f) The parties being pooled and their interests are set forth in Attachment B. Their current or last known addresses are also set forth. All interest owners were locatable in Case No. 21221. In Case No. 21222 two letters were not deliverable because the owners moved without leaving a forwarding address with the Post Office.
- In order to locate all interest owners Mewbourne examined the records of Eddy County and the Bureau of Land Management, as well as online tools or databases such as DrillingInfo, Eddy County Records, and in-house data searches.
- (g) Attachments B-1 and B-2 lists the working interest owners in each well, together with their percentage interests. Exhibit C contains copies of the well proposals sent to the interest owners, including follow-up e-mails with owners who had questions about the proposals
- (h) Mewbourne has made a good faith effort to obtain the voluntary joinder of the working interest owners in the proposed wells, or to locate the interest owners.
- (i) Mewbourne has the right to pool the overriding royalty owners in the well units.
- (j) Exhibits D-1 and D-2 contain the Authorizations for Expenditure for the proposed wells. The estimated costs of the wells are fair and reasonable, and are comparable to the costs of other wells of similar depths and length drilled in this area of Eddy County.
- (k) Mewbourne requests overhead and administrative rates of \$8000/month for a drilling well and \$800/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this area of Eddy County. They are also the rates set forth in the Joint Operating Agreements for the well units. Mewbourne requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.
- (l) Mewbourne requests that the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.

- (m) Mewbourne requests that it be designated operator of the wells.
- (n) The attachments to this affidavit were prepared by me or under my supervision, or compiled from company business records.
- (o) The granting of these applications is in the interests of conservation and the prevention of waste.

3. I understand that this Self-Affirmed Statement will be used as written testimony in these cases. I affirm that my testimony in paragraphs 1 through 2(o) above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date: May 26, 2020


Tyler Jolly

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Rond, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code		³ Pool Name	
⁴ Property Code		⁵ Property Name PERAZZI 9/10 B3MP FED			⁶ Well Number 1H
⁷ OGRID NO.		⁸ Operator Name MEWBOURNE OIL COMPANY			⁹ Elevation 3273'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
P	8	20S	29E		780	SOUTH	210	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	10	20S	29E		1310	SOUTH	100	EAST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

GEODETIC DATA
NAD 83 GRID - NM EAST

<p><u>GEODETIC DATA</u> NAD 83 GRID - NM EAST</p> <p><u>SURFACE LOCATION</u> N: 575865.0 - E: 616503.7 LAT: 32.5828698° N LONG: 104.0892964° W</p> <p><u>BOTTOM HOLE</u> N: 576421.9 - E: 627189.9 LAT: 32.5843284° N LON: 104.0545978° W</p>	<p>A: FOUND BRASS CAP "1916" N 575088.6 - E 611425.3</p> <p>B: FOUND BRASS CAP "1916" N 577730.5 - E 611419.2</p> <p>C: FOUND BRASS CAP "1916" N 580372.5 - E 611413.2</p> <p>D: FOUND BRASS CAP "1916" N 580369.0 - E 614058.1</p> <p>E: FOUND BRASS CAP "1916" N 580365.0 - E 616706.0</p> <p>F: FOUND BRASS CAP "1916" N 580378.3 - E 619346.4</p> <p>G: FOUND BRASS CAP "1916" N 580390.8 - E 621985.4</p> <p>H: FOUND BRASS CAP "1916" N 580392.7 - E 624633.9</p> <p>I: FOUND BRASS CAP "1916" N 580395.9 - E 627283.8</p>
<p>J: FOUND BRASS CAP "1916" N 575112.3 - E 627291.8</p> <p>K: FOUND BRASS CAP "1916" N 575108.8 - E 624645.4</p> <p>L: FOUND BRASS CAP "1916" N 575105.3 - E 621999.3</p> <p>M: FOUND BRASS CAP "1916" N 575095.2 - E 619357.5</p> <p>N: FOUND BRASS CAP "1916" N 575085.0 - E 616714.9</p> <p>O: FOUND BRASS CAP "1916" N 575086.5 - E 614071.1</p> <p>P: FOUND BRASS CAP "1916" N 577725.0 - E 616710.4</p> <p>Q: FOUND BRASS CAP "1916" N 577747.9 - E 621992.4</p>	

¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature _____ Date _____

Printed Name _____

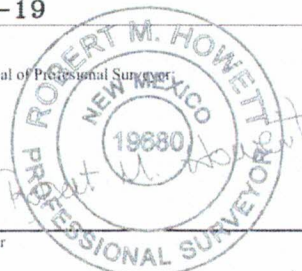
E-mail Address _____

¹⁸ SURVEYOR CERTIFICATION

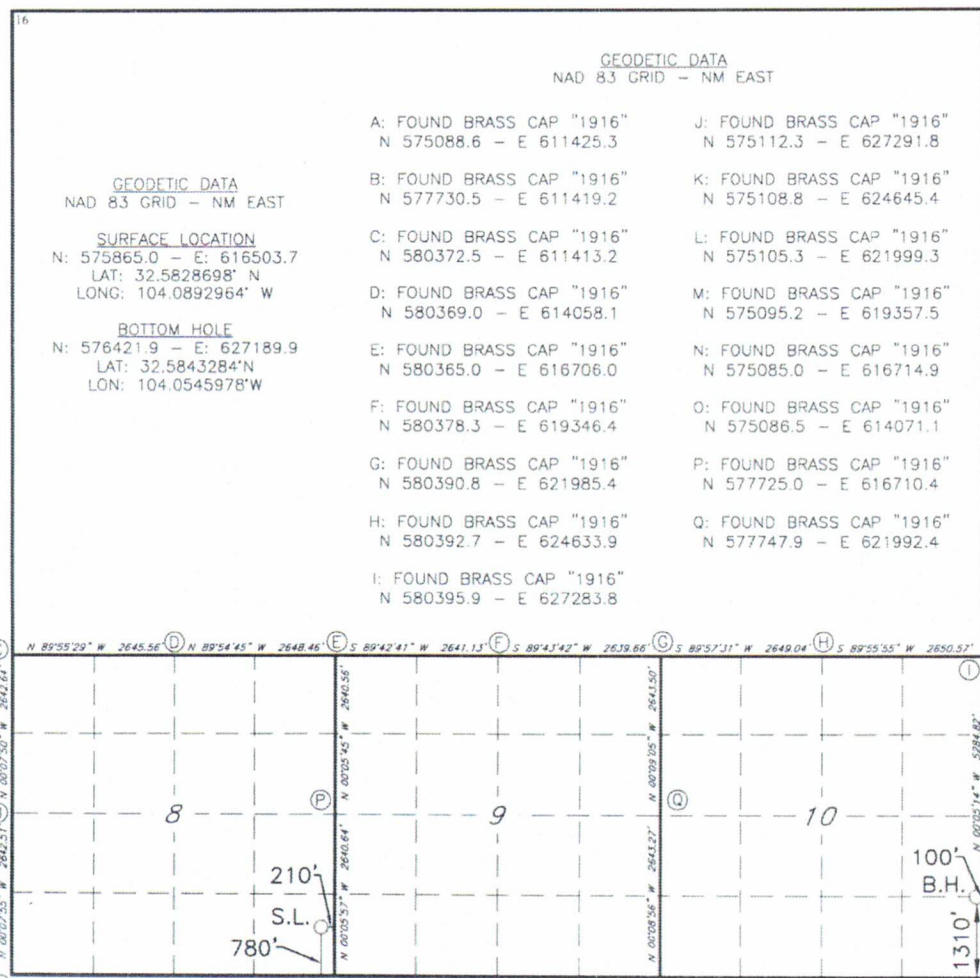
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

04-08-19
Date of Survey

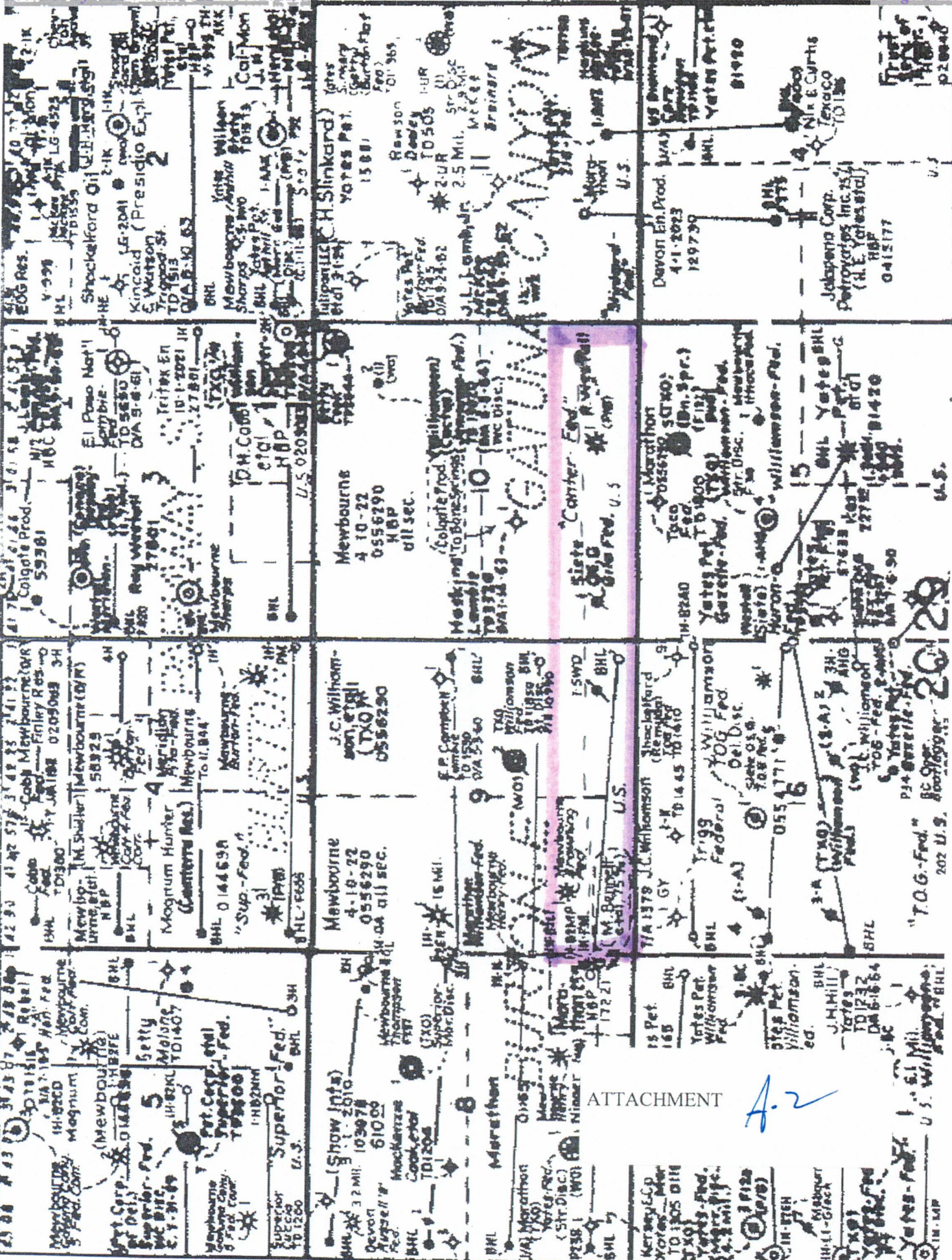
Signature and Seal of Professional Surveyor



19680
Certificate Number



Job No.: LS19040481



ATTACHMENT

A-2

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name			
4 Property Code		5 Property Name PERAZZI 9/10 WOMP FED				6 Well Number 1H	
7 OGRID NO.		8 Operator Name MEWBOURNE OIL COMPANY				9 Elevation 3273'	

10 Surface Location

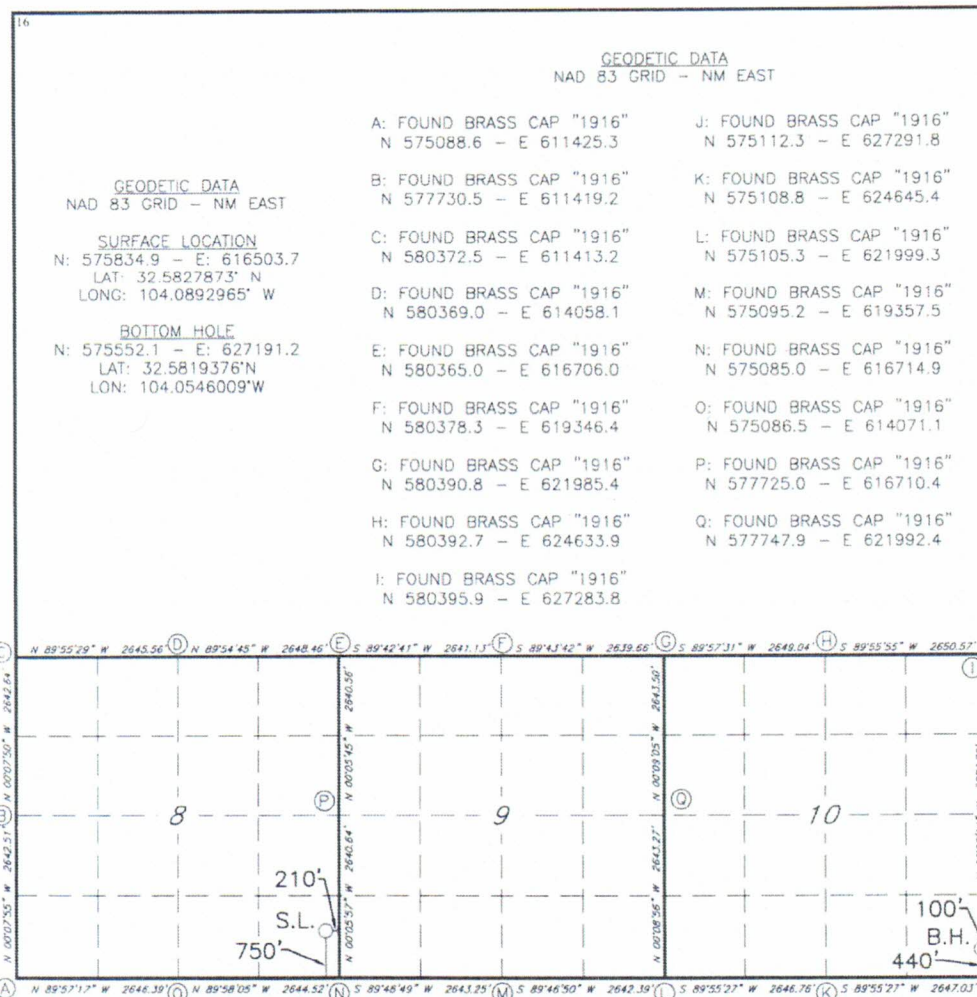
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
P	8	20S	29E		750	SOUTH	210	EAST	EDDY

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	10	20S	29E		440	SOUTH	100	EAST	EDDY

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.



17 OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature _____ Date _____
Printed Name _____
E-mail Address _____

18 SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

04-08-19
Date of Survey

Signature and Seal of Professional Surveyor:

19680
Certificate Number

Job No.: LS19040480

Perazzi 9-10 B3MP Fed #1H Ownership
Compulsory Pooling

S2S2 Section 9 & S2S2 Section 10 Owners		Interest
Mewbourne Oil Company, et al.		84.6923833%
Eric Chancy Croft and Elizabeth Anne Williamson, Trustees of the Charla Geraldine Williamson Trust		9.814453%
Elizabeth Anne Williamson, Trustee under the Will of Ralph E. Williamson		1.391602%
Sand Dollar Petroleum, Inc.		2.343750%
Jeffrey M. Johnston, whose wife is Sandra K. Johnston		0.878906%
Michael A. Short, a single man		0.878906%
Total		100.0000000%

ATTACHMENT B-1

Perazzi 9-10 WOMP Fed #1H Ownership
Compulsory Pooling

S2 Section 9 & S2 Section 10 Owners		Interest
Mewbourne Oil Company, et al.		58.763022%
COG Operating, LLC		29.262029%
Eric Chancy Croft and Elizabeth Ann Williamson, Co-Trustees of the Charla Geraldine Williamson Trust under Trust Agreement dated April 9, 2003		6.242977%
Elizabeth Ann Williamson, Trustee of the Ralph E. Williamson Family Trust		2.748186%
Siete Oil & Gas Corp.		0.771214%
Jeffrey M. Johnston, whose wife is Sandra K. Johnston		0.551513%
Michael A. Short, as single man		0.551513%
Donald R. Curry		0.248779%
Michael James Ikard		0.248779%
Patrick J. Morello and Alice M. Morello, Trustees of the Patrick J. Morello and Alice M. Morrello Trust dated June 3, 2010		0.248779%
The trustee or trustees of the Margaret K. Hunker Trust created under Trust Agreement dated November 5, 2002		0.124389%
Paul M. Fish		0.084585%
Diane Daniels Denish, as her separate property		0.062500%
Patrice Schooley Fish		0.039805%
Douglas L. Alpers, as his separate property		0.031097%
Diane Daniels Denish, Trustee of the Spencer Schreiber Trust		0.020833%
Total		100.0000000000%

ATTACHMENT B.2

MEWBOURNE OIL COMPANY

500 West Texas, Suite 1020
Midland, Texas 79701
Phone (432) 682-3715

January 17, 2020

Certified Mail

COG Operating, LLC
600 W. Illinois Avenue
Midland, Texas 79701
Attn: Brent Sawyer

Re: Proposed Horizontal Tests
Perazzi 9-10 B3MP Fed #1H
Perazzi 9-10 WOMP Fed #1H
Section 9 & 10, T20S, R29E, Eddy County, New Mexico

Ladies and Gentlemen:

Mewbourne Oil Company, as Operator, hereby proposes drilling the following two (2) horizontal tests:

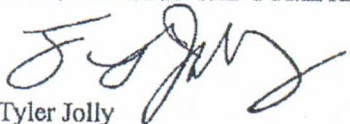
- 1) Perazzi 9-10 B3MP Fed #1H – APD in process
Surface Location: 780' FSL, 210' FEL, Section 8
Bottom Hole Location: 1310' FSL, 100' FEL, Section 10
Proposed Total Vertical Depth: 9065'
Proposed Total Measured Depth: 19579'
Formation: Bone Spring
- 2) Perazzi 9-10 WOMP Fed #1H – APD in process
Surface Location: 750' FSL, 210' FEL, Section 8
Bottom Hole Location: 440' FSL, 100' FEL, Section 10
Proposed Total Vertical Depth: 9303'
Proposed Total Measured Depth: 19812'
Formation: Wolfcamp

In the event COG Operating, LLC elects to participate in the proposed wells, please execute the enclosed AFEs and return them to the undersigned within thirty (30) days. The Joint Operating Agreement previously proposed in 2019 provides for a Drilling Well Rate of \$8,000 per month and a Producing Well Rate of \$800 per month. Please enclose your most current well information requirements so that we may supply well data when available.

Please contact me at (432) 682-3715 or via email at tjolly@mewbourne.com if you have any questions.

Very truly yours,

MEWBOURNE OIL COMPANY



Tyler Jolly
Landman

ATTACHMENT **C**

Enclosures



January 23, 2020

Dear Simple Certified:

The following is in response to your request for proof of delivery on your Item with the tracking number: **9414 8106 9994 5047 0673 62.**

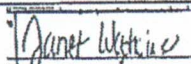
Item Details

Status:	Delivered, PO Box
Status Date / Time:	January 23, 2020, 8:43 am
Location:	MIDLAND, TX 79702
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic
Recipient Name:	Brent Sawyer

Shipment Details

Weight: 2.0oz

Recipient Signature

Signature of Recipient:	 Janet Watkins
Address of Recipient:	600 W Illinois

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

Brent Sawyer COG Operating LLC 800 W. Illinois Ave Midland, TX 79701 Reference #: Perazzi 9 10 B3MP 1H
--

Tyler Jolly

From: Tyler Jolly
Sent: Tuesday, April 21, 2020 7:46 AM
To: Brent Sawyer
Subject: RE: [EXT] perazzi

The Perazzi wells are scheduled for Q4 2020. Please let me know if you need anything else.

Tyler Jolly
Mewbourne Oil Company
500 West Texas, Suite 1020,
Midland, TX 79701
Ph: 432-682-3715

From: Brent Sawyer <BSawyer@concho.com>
Sent: Monday, April 20, 2020 3:12 PM
To: Tyler Jolly <tjolly@mewbourne.com>
Subject: [EXT] perazzi

Tyler:

I'm trying to get some traction on the Perazzi wells. Are they still set to spud sometime in Q4, complete early next year?

Thanks

Brent Sawyer, CPL | Landman | COG Operating LLC
600 W. Illinois Avenue | Midland, TX 79701 | 432.686.3015



Tyler Jolly

From: Brent Sawyer <BSawyer@concho.com>
Sent: Thursday, February 20, 2020 2:51 PM
To: Tyler Jolly
Subject: RE: [EXT] RE: Perazzi 9-10 JOA

Ok great. That is going to be much cleaner than the N2/S2 bone spring/wolfcamp I think the original proposal had. Thanks for the quick reply, im crunching on our net acres now from what we've got in our system.

Thanks

Brent Sawyer, CPL | Landman | COG Operating LLC
 600 W. Illinois Avenue | Midland, TX 79701 | 432.686.3015



From: Tyler Jolly <tjolly@mewbourne.com>
Sent: Thursday, February 20, 2020 2:47 PM
To: Brent Sawyer <BSawyer@concho.com>
Subject: [External] RE: [EXT] RE: Perazzi 9-10 JOA

Brent,

We will have two (2) contract areas for the Bone Spring and Wolfcamp formations. See below ownership:

Section 9 & 10, T20S, R29E, Eddy County, New Mexico		
Wolfcamp		
Owner	BPO Acres	BPO Interest
COG Operating, LLC	408.243681520000000	31.89403761875000%

Section 9 & 10, T20S, R29E, Eddy County, New Mexico		
Bone Spring		
Owner	BPO Acres	BPO Interest
COG Operating, LLC	220.966697600000	17.26302325000000%

Please let me know if you have any questions or need additional information.

Tyler Jolly
Mewbourne Oil Company
 500 West Texas, Suite 1020,
 Midland, TX 79701
 Ph: 432-682-3715

From: Brent Sawyer <BSawyer@concho.com>
Sent: Thursday, February 20, 2020 2:42 PM

To: Tyler Jolly <tjolly@mewbourne.com>

Subject: [EXT] RE: Perazzi 9-10 JOA

Tyler:

With the new Perazzi proposals its past time to finish this JOA off. Sorry for the delays. I'll need to get the OA in front of our land manager to be sure but I think we are likely good to go on the body. Do you have an exhibit A with ownership numbers? Looks like its going to be complicated because of the old Westall OAs that cover the N2 and S2 of section 10. I don't show we have anything in section 9.

Thanks

Brent Sawyer, CPL | Landman | COG Operating LLC
600 W. Illinois Avenue | Midland, TX 79701 | 432.686.3015



From: Tyler Jolly <tjolly@mewbourne.com>

Sent: Thursday, September 26, 2019 7:04 AM

To: Brent Sawyer <BSawyer@concho.com>

Subject: [External] FW: Perazzi 9-10 JOA

Brent,

I struck this page for you in July. Does this fix you up for execution outside of the Exhibit A?

Tyler Jolly

Mewbourne Oil Company

500 West Texas, Suite 1020,

Midland, TX 79701

Ph: 432-682-3715

From: Tyler Jolly

Sent: Tuesday, July 30, 2019 2:40 PM

To: Brent Sawyer <BSawyer@concho.com>

Subject: RE: Perazzi 9-10 JOA

Brent,

See attached replacement page. This should be the only change between the Perazzi and Mighty Ducks.

Please route for execution if this is agreeable.

Tyler Jolly

Mewbourne Oil Company

500 West Texas, Suite 1020,

Midland, TX 79701

Ph: 432-682-3715

From: Brent Sawyer <BSawyer@concho.com>

Sent: Thursday, July 25, 2019 8:02 AM

To: Tyler Jolly <tjolly@mewbourne.com>

Subject: RE: Perazzi 9-10 JOA

Yes please, and I think #2 and #3 in the attached are already in that one. If you can shoot me over the Perazzi on that form I'll try to get it signed.

Thanks

Brent Sawyer, RPL | Landman | COG Operating LLC
600 W. Illinois Avenue | Midland, TX 79701 | 432.686.3015



From: Tyler Jolly <tjolly@mewbourne.com>

Sent: Thursday, July 25, 2019 7:54 AM

To: Brent Sawyer <BSawyer@concho.com>

Subject: [External] Perazzi 9-10 JOA

**** External email. Use caution. ****

Brent,

I'm taking over the Mighty Ducks 16-15 Prospect for Ray. Do we want to do the same JOA form for the Perazzi?

Tyler Jolly
Mewbourne Oil Company
500 West Texas, Suite 1020,
Midland, TX 79701
Ph: 432-682-3715

Tyler Jolly

From: Brent Sawyer <BSawyer@concho.com>
Sent: Wednesday, September 25, 2019 2:21 PM
To: Tyler Jolly
Cc: Mike Wallace
Subject: [EXT] Perazzi
Attachments: proposed OA -Perazzi 9 & 10 Prospect.pdf

Tyler:

As we discussed, please let me know about the timing on the Perazzi wells.

I just took a quick look at the attached OA which is the most recent version I have, but can you confirm that it actually is the most recent, please? There are a few changes we would like to make so I'll get those to you as soon as I can. I think it will be a very short list: We'd like to use the same form of OA we're using on Mitch's recent Ibex wells (that OA is on my land manager's desk for signature as we speak). Speaking of which, I don't think I can get my land manager to sign it with the exhibit A the way it is: I think we'll need to get our interest on there and get the contract area/depths pinned down too.

Thanks

Brent Sawyer, RPL | Landman | COG Operating LLC
600 W. Illinois Avenue | Midland, TX 79701 | 432.686.3015



MEWBOURNE OIL COMPANY
AUTHORIZATION FOR EXPENDITURE

Well Name: **PERAZZI 9/10 W0MP FEDERAL #1H** Prospect: **WFMP Y Sand**
 Location: **SL: 750 FSL & 210 FEL (8); BHL: 440 FSL & 100 FEL (10)** County: **Eddy** ST: **NM**
 Sec: **9/10** Blk: Survey: TWP: **20S** RNG: **29E** Prop. TVD: **9303** TMD: **19812**

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$75,000	0180-0205	\$40,000
Location / Restoration		0180-0106	\$200,000	0180-0206	\$30,000
Daywork / Turnkey / Footage Drilling	30 days drig / 3 days comp @ \$21500/d	0180-0110	\$688,900	0180-0210	\$68,900
Fuel	1700 gal/day @ \$2.74/gal	0180-0114	\$149,200	0180-0214	\$330,000
Mud, Chemical & Additives		0180-0120	\$175,000	0180-0220	
Horizontal Drillout Services				0180-0222	\$225,000
Cementing		0180-0125	\$140,000	0180-0225	\$35,000
Logging & Wireline Services		0180-0130	\$2,000	0180-0230	\$395,000
Casing / Tubing / Snubbing Service		0180-0134	\$20,000	0180-0234	\$90,000
Mud Logging		0180-0137	\$30,000		
Stimulation	50 Stg 19.8 MM gal/ 19.8 MM lb			0180-0241	\$1,855,000
Stimulation Rentals & Other				0180-0242	\$235,000
Water & Other		0180-0145	\$50,000	0180-0245	\$545,000
Bits		0180-0148	\$125,000	0180-0248	\$8,000
Inspection & Repair Services		0180-0150	\$40,000	0180-0250	\$5,000
Misc. Air & Pumping Services		0180-0154		0180-0254	\$10,000
Testing & Flowback Services		0180-0158	\$15,000	0180-0258	\$30,000
Completion / Workover Rig				0180-0260	\$10,500
Rig Mobilization		0180-0164	\$150,000		
Transportation		0180-0165	\$20,000	0180-0265	\$20,000
Welding Services		0180-0168	\$5,000	0180-0268	\$15,000
Contract Services & Supervision		0180-0170	\$49,500	0180-0270	\$64,500
Directional Services	Includes Vertical Control	0180-0175	\$350,000		
Equipment Rental		0180-0180	\$249,900	0180-0280	\$30,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$5,100	0180-0285	
Intangible Supplies		0180-0188	\$8,000	0180-0288	\$1,000
Damages		0180-0190		0180-0290	
ROW & Easements		0180-0192		0180-0292	\$5,000
Pipeline Interconnect				0180-0293	
Company Supervision		0180-0195	\$158,400	0180-0295	\$110,400
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Well Abandonment		0180-0198		0180-0298	
Contingencies	2% (TCP) 2% (CC)	0180-0199	\$54,800	0180-0299	\$83,600
TOTAL			\$2,795,800		\$4,261,900
TANGIBLE COSTS 0181					
Casing (19.1" - 30")	400' - 20" 94# X-56 BTC KAWASAKI NEW @ \$75.2/ft	0181-0793	\$32,100		
Casing (10.1" - 19.0")	1350' - 13 3/8" 54.5# J-55 ST&C @ \$38.48/ft	0181-0794	\$55,500		
Casing (8.1" - 10.0")	3025' - 9 5/8" 36# J-55 LT&C @ \$24.67/ft	0181-0795	\$79,700		
Casing (6.1" - 8.0")	9167' - 7" 29# HCP-110 LT&C @ \$23.84/ft	0181-0796	\$233,400		
Casing (4.1" - 6.0")	10740' - 4 1/2" 13.5# P-110 BPN @ \$12.16/ft			0181-0797	\$139,500
Tubing	8872' - 2 7/8" 6.5# EUE tbg @ \$5.38/ft			0181-0798	\$51,000
Drilling Head		0181-0860	\$40,000		
Tubing Head & Upper Section				0181-0870	\$50,000
Horizontal Completion Tools	Completion Liner Hanger			0181-0871	\$70,000
Sucker Rods				0181-0875	
Subsurface Equipment	Packer			0181-0880	\$10,000
Artificial Lift Systems	Gas Lift Valves			0181-0884	\$15,000
Pumping Unit				0181-0885	
Surface Pumps & Prime Movers				0181-0886	\$15,000
Tanks - Oil	(1/2) 6 - 750 bbl			0181-0890	\$75,000
Tanks - Water	(1/2) 6 - 750 bbl			0181-0891	\$70,000
Separation / Treating Equipment	1/2 GB/30"x10"x1k# 3 ph/36"x15"x1k# Hor 3ph/1/2VRT/			0181-0895	\$180,000
Heater Treaters, Line Heaters	8'x20'x75# HT			0181-0897	\$27,000
Metering Equipment				0181-0898	\$15,000
Line Pipe & Valves - Gathering				0181-0900	\$15,000
Fittings / Valves & Accessories				0181-0906	\$125,000
Cathodic Protection				0181-0908	\$50,000
Electrical Installation				0181-0909	\$25,000
Equipment Installation				0181-0910	\$65,000
Pipeline Construction				0181-0920	\$25,000
TOTAL			\$440,700		\$1,022,500
SUBTOTAL			\$3,236,500		\$5,284,400

TOTAL WELL COST \$8,520,900

Extra Expense Insurance

I elect to be covered by Operator's Extra Expense Insurance and pay my proportionate share of the premium. Operator has secured Extra Expense Insurance covering costs of well control, clean up and redrilling as estimated in Line Item 0180-0185.

I elect to purchase my own well control insurance policy.

If neither box is checked above, non-operating working interest owner elects to be covered by Operator's well control insurance.

Prepared by: T. Cude Date: 12/4/2019

Company Approval: _____ Date: _____

Joint Owner Interest: _____ Amount: _____

Joint Owner Name: _____ Signature: _____

ATTACHMENT D.2

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

APPLICATION OF MEWBOURNE OIL COMPANY
FOR COMPULSORY POOLING, EDDY COUNTY,
NEW MEXICO.

Case No. 21221

APPLICATION OF MEWBOURNE OIL COMPANY
FOR COMPULSORY POOLING, EDDY COUNTY,
NEW MEXICO.

Case No. 21222

SELF-AFFORMED STATEMENT OF CHARLES CROSBY

COUNTY OF MIDLAND)
) ss.
STATE OF TEXAS)

Charles Crosby, deposes and states:

- 1. I am over the age of 18, and have personal knowledge of the matters stated herein.
- 2. I am a geologist for Mewbourne Oil Company ("Mewbourne"), and I am familiar with the geological matters involved in these cases. I have been qualified by the Division as an expert petroleum geologist.

3. The following geological plats are attached hereto:

(a) Attachment A-1 is a structure map on the top of the Wolfcamp formation (the base of the 3rd Bone Spring Sand). It shows that structure dips gently to the east. It also shows Bone Spring wells in the area, and a line of cross-section.

Attachment A-2 is a 3rd Bone Spring Sand Gross Thickness Map

(b) Attachments B-1 is a structure map on the top of the Wolfcamp formation. It shows that structure dips gently to the east. It also shows Wolfcamp wells in the area, and a line of cross-section.

Attachment B-2 is a Wolfcamp Y Sand Gross Thickness Map

(c) Attachment C is a cross section of the 3rd Bone Spring Sand and upper Wolfcamp zones. The well logs on the cross-section give a representative sample of both formations in this area. These are the target zones for the two proposed wells. The sands in each zone are continuous and uniformly thick across the well units.

EXHIBIT **3**

4. I conclude from the maps that:

(a) The horizontal spacing units are justified from a geologic standpoint.

(b) The target zones are continuous and of relatively uniform thickness across the well units.

(c) Each quarter-quarter section in the well units will contribute more or less equally to production from each target zone.

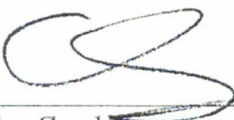
(d) There is no faulting or other geologic impediment on the area which will affect the drilling of the subject wells.

5. Attachment D contains information from other 3rd Bone Spring Sand and Wolfcamp Sand wells drilled in this area. There are both standup and laydown Bone Spring wells in this area, but with a preference for laydown wells. The Wolfcamp wells in the area are all laydown wells, Mewbourne prefers laydown units in both formations based on production.

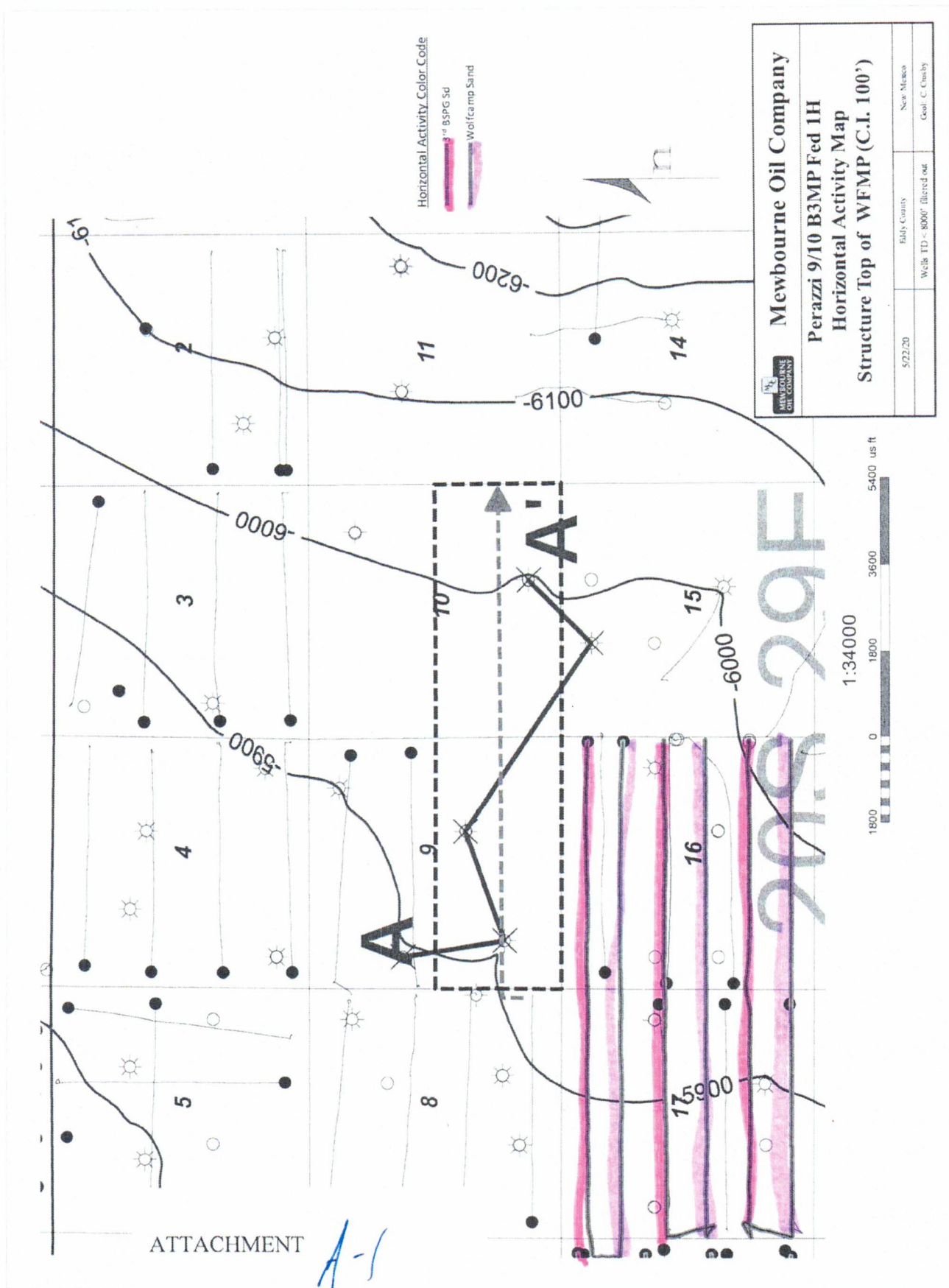
6. Attachments E-1 and E-2 contain the horizontal drilling plans for the two proposed wells. The producing interval each proposed well will be orthodox.

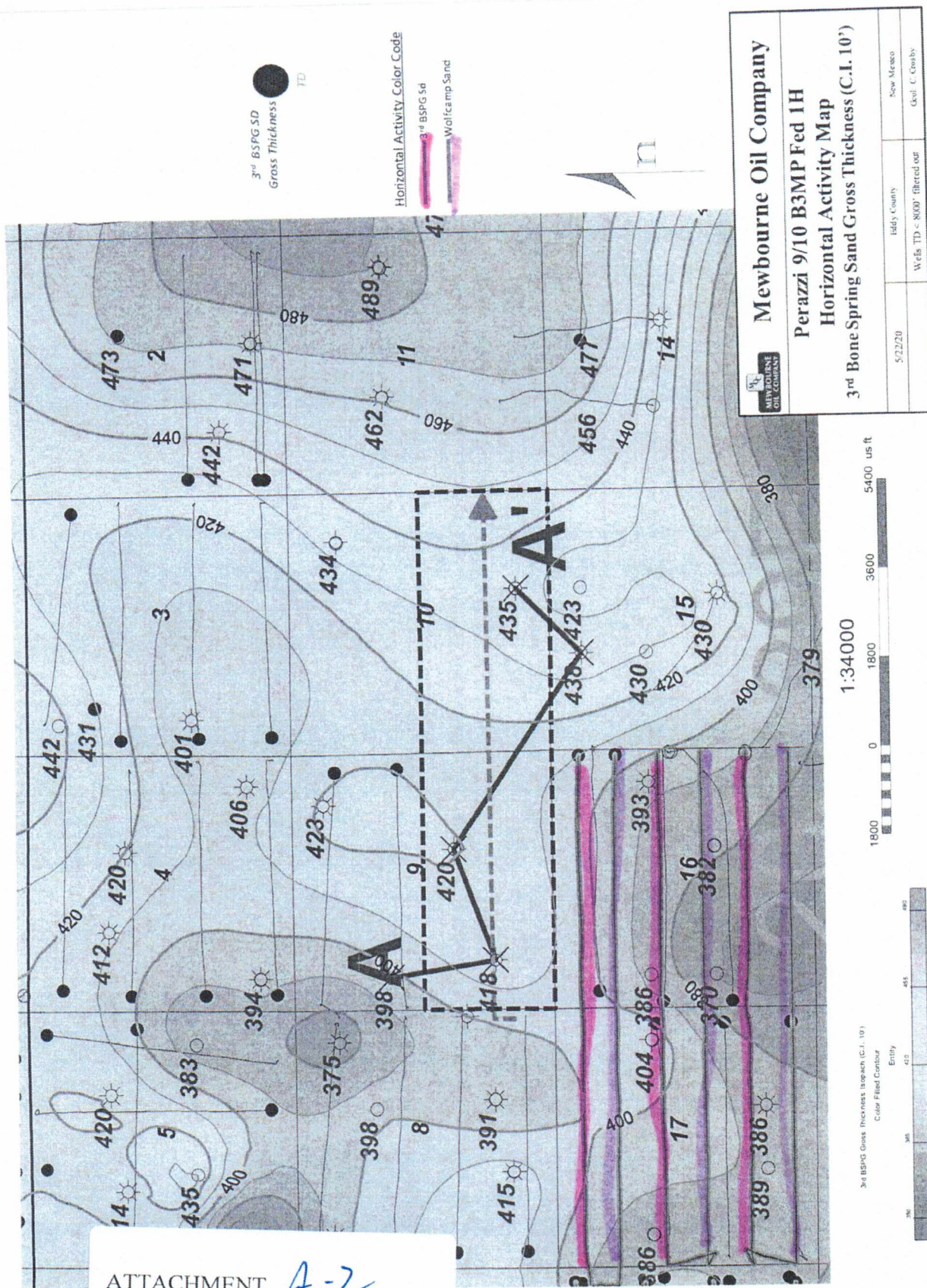
7. I understand that this Self-Affirmed Statement will be used as written testimony in these cases. I affirm that my testimony in paragraphs 1 through 6 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

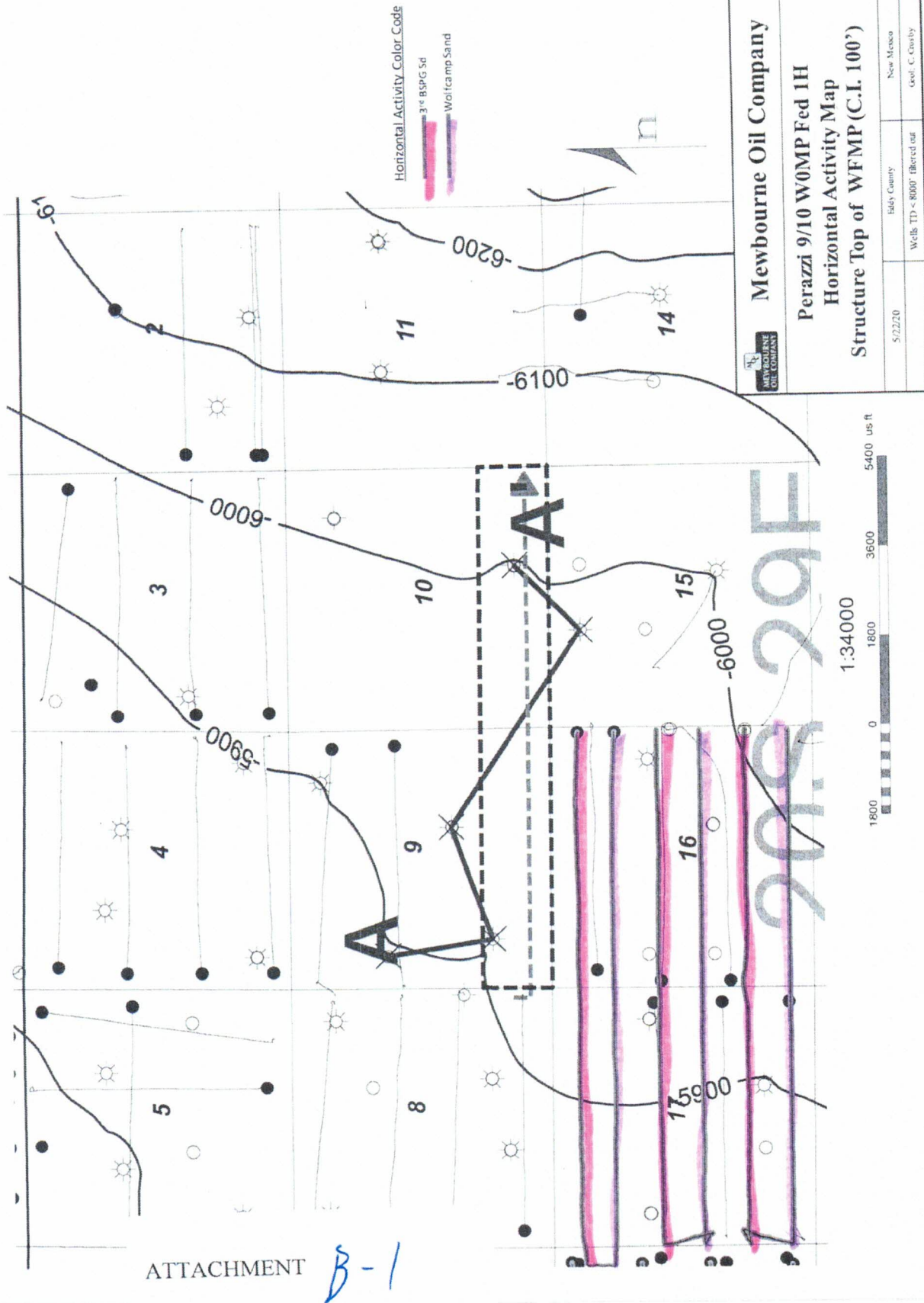
Date: 5/26/20

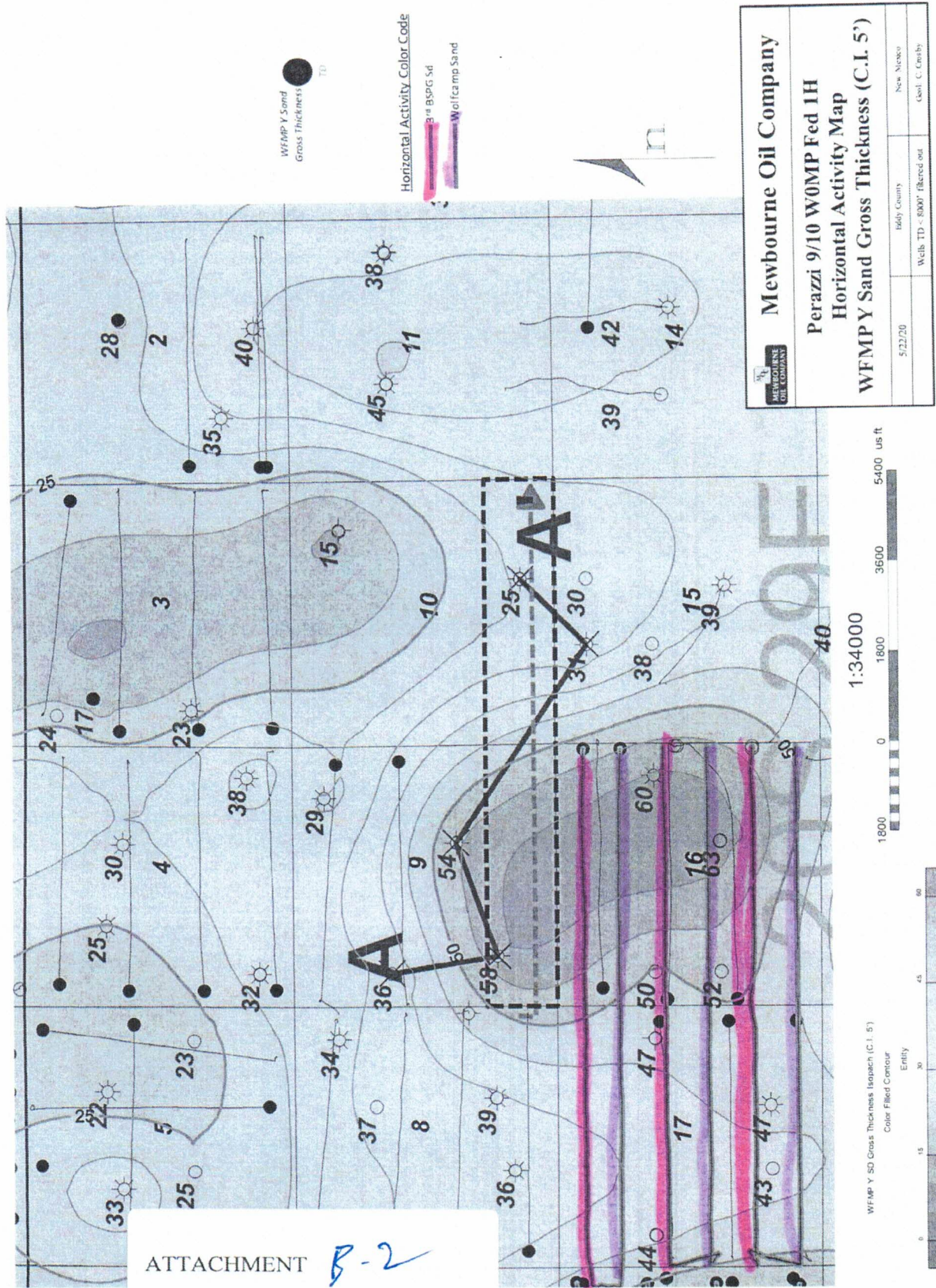


Charles Crosby









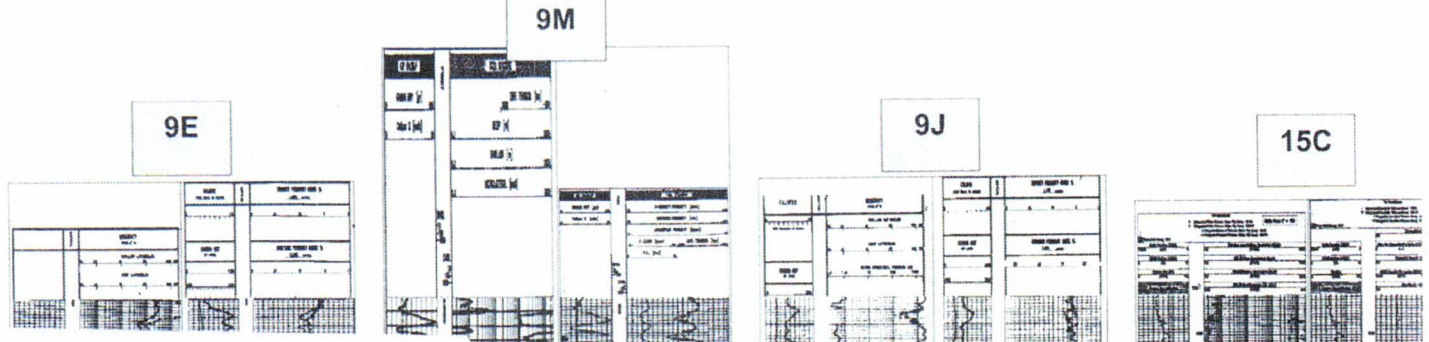
A
W

MARATHON OIL CO
WILLIAMSON FEDERAL 1
Deum-1301 30
1480 FTL 1860 FTL
TWP 18 S - Range 18 E - Sec 10

NEWSOURCE OIL CO
BROWNING 3 FEDERAL 1
Deum-1288 30
1470 FTL 1860 FTL
TWP 18 S - Range 18 E - Sec 10

TEXAS OMS CORP
WILLIAMSON FEDERAL 2
Deum-1302 30
1480 FTL 1860 FTL
TWP 25 S - Range 29 E - Sec 9

IMRAGE 13 FEDERAL 1
Deum-1303 30
1480 FTL 1860 FTL
TWP 18 S - Range 18 E - Sec 10



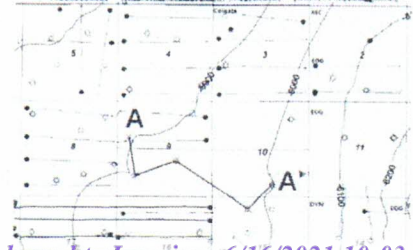
ATTACHMENT C

Top 3rd BSPG SD

Perazzi BSPG SD Target Zone

Top WFMP

Perazzi WFMP SD Target Zone



Perazzi Area 3rd BSPG SD and Wolfcamp Horizontal Production Table

Well Name	Operator	API	Location	Completion Date	Cum Oil (Mbo)	Cum Gas (Bcf)	Cum Water (Mbw)	NS/EW	Production Zone
Glock 17/16 W0DA Fed Com 3H	Mewbourne	3001543411	18A/20S/29E	8/31/2019	221.3	0.6	170.7	EW	WFMP Sand
Glock 17/16 B3DA Fed Com 2H	Mewbourne	3001545794	18A/20S/29E	8/24/2019	183.7	0.3	380.7	EW	3rd Bone Spring San
Glock 17/16 B3MP Fed Com 1H	Mewbourne	3001546587	17M/20S/29E		Pending			EW	3rd Bone Spring San
Glock 17/16 B3EH Fed Com 1H	Mewbourne	3001546588	17L/20S/29E		Pending			EW	3rd Bone Spring San
Glock 17/16 W0MP Fed Com 1H	Mewbourne	3001546733	17M/20S/29E		Pending			EW	WFMP Sand
Glock 17/16 W0LI Fed Com 1H	Mewbourne	3001546746	17L/20S/29E		Pending			EW	WFMP Sand

ATTACHMENT

D

Mewbourne Oil Company

SURVEY CALCULATION REPORT
Minimum Curvature Calculations

Operator: Mewbourne Oil Company
Lease Name: Perazzi W/10 B3MP Fed 01
KOP 8587.54
SL: 780 FSL & 210 FEL Sec 8/20S/29E
PBHL: 1310 FSL & 100 FEL Sec 10/20S/29E

Target KBTVD: 9,065 Feet 9065.00
Target Angle: 89.16 Degrees 89.16
Section Plane: 87.26 Degrees
Declination Corrected to True North: 6.63 Degrees
Bit to Survey Offset: 44 Feet

Survey No.	Measured Depth-ft	Drift (Deg.)	Azimuth (Deg.)	Course Length	TVD (Feet)	Vertical Section	-N/-S (Feet)	+E/-W (Feet)	Closure Distance	Closure Direction	BUR	DLS	KBTVD	+Above -Below Target	DRIFT (RADIANS)	AZIMUTH (RADIANS)
T/1	8587.54	0.00	87.26	N/A	8587.5	0.0	0.0	0.0	0.0	0.0	N/A	N/A	8587.5	477.5	1E-12	1.52
1	8661.84	8.92	87.26	74.301	8661.5	5.8	0.3	5.8	5.8	87.3	12.0	12.0	8661.5	403.5	0.155615182	1.52
2	8736.14	17.83	87.26	74.301	8733.7	22.9	1.1	22.9	22.9	87.3	12.0	12.0	8733.4	331.6	0.11230364	1.52
3	8810.44	26.75	87.26	74.301	8802.4	51.1	2.4	51.0	51.1	87.3	12.0	12.0	8801.7	263.3	0.466845546	1.52
4	8884.74	35.66	87.26	74.301	8865.9	89.6	4.3	89.4	89.6	87.3	12.0	12.0	8864.6	200.4	0.622460728	1.52
5	8959.04	44.58	87.26	74.301	8922.7	137.4	6.6	137.2	137.4	87.3	12.0	12.0	8920.7	144.3	0.778075911	1.52
6	9033.34	53.50	87.26	74.301	8971.3	193.4	9.3	193.2	193.4	87.3	12.0	12.0	8968.5	96.5	0.933691093	1.52
7	9107.64	62.41	87.26	74.301	9010.7	256.4	12.3	256.1	256.4	87.3	12.0	12.0	9007.0	58.0	1.089306275	1.52
8	9181.94	71.33	87.26	74.301	9039.9	324.6	15.5	324.2	324.6	87.3	12.0	12.0	9035.1	29.9	1.244921457	1.52
9	9256.24	80.24	87.26	74.301	9058.1	396.6	19.0	396.1	396.6	87.3	12.0	12.0	9052.3	12.7	1.400530639	1.52
10	9330.54	89.16	87.26	74.301	9064.9	470.5	22.5	469.9	470.5	87.3	12.0	12.0	9058.1	6.9	1.556151821	1.52
11	9400.00	89.16	87.26	69.457	9066.0	539.9	25.8	539.3	539.9	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
12	9500.00	89.16	87.26	100	9067.4	639.9	30.6	639.2	639.9	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
13	9600.00	89.16	87.26	100	9068.9	739.9	35.4	739.1	739.9	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
14	9700.00	89.16	87.26	100	9070.4	839.9	40.2	838.9	839.9	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
15	9800.00	89.16	87.26	100	9071.8	939.9	45.0	938.8	939.9	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
16	9900.00	89.16	87.26	100	9073.3	1039.9	49.8	1038.7	1039.9	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
17	10000.00	89.16	87.26	100	9074.8	1139.9	54.5	1138.6	1139.9	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
18	10100.00	89.16	87.26	100	9076.2	1239.8	59.3	1238.4	1239.8	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
19	10200.00	89.16	87.26	100	9077.7	1339.8	64.1	1338.3	1339.8	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
20	10300.00	89.16	87.26	100	9079.1	1439.8	68.9	1438.2	1439.8	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
21	10400.00	89.16	87.26	100	9080.6	1539.8	73.7	1538.1	1539.8	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
22	10500.00	89.16	87.26	100	9082.1	1639.8	78.5	1637.9	1639.8	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
23	10600.00	89.16	87.26	100	9083.5	1739.8	83.3	1737.8	1739.8	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
24	10700.00	89.16	87.26	100	9085.0	1839.8	88.0	1837.7	1839.8	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
25	10800.00	89.16	87.26	100	9086.5	1939.8	92.8	1937.5	1939.8	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
26	10900.00	89.16	87.26	100	9087.9	2039.8	97.6	2037.4	2039.8	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
27	11000.00	89.16	87.26	100	9089.4	2139.8	102.4	2137.3	2139.8	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
28	11100.00	89.16	87.26	100	9090.9	2239.7	107.2	2237.2	2239.7	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
29	11200.00	89.16	87.26	100	9092.3	2339.7	112.0	2337.0	2339.7	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
30	11300.00	89.16	87.26	100	9093.8	2439.7	116.8	2436.9	2439.7	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
31	11400.00	89.16	87.26	100	9095.3	2539.7	121.5	2536.8	2539.7	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
32	11500.00	89.16	87.26	100	9096.7	2639.7	126.3	2636.7	2639.7	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
33	11600.00	89.16	87.26	100	9098.2	2739.7	131.1	2736.5	2739.7	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
34	11700.00	89.16	87.26	100	9099.6	2839.7	135.9	2836.4	2839.7	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
35	11800.00	89.16	87.26	100	9101.1	2939.7	140.7	2936.3	2939.7	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
36	11900.00	89.16	87.26	100	9102.6	3039.7	145.5	3036.2	3039.7	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
37	12000.00	89.16	87.26	100	9104.0	3139.6	150.3	3136.0	3139.6	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
38	12100.00	89.16	87.26	100	9105.5	3239.6	155.0	3235.9	3239.6	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
39	12200.00	89.16	87.26	100	9107.0	3339.6	159.8	3335.8	3339.6	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
40	12300.00	89.16	87.26	100	9108.4	3439.6	164.6	3435.7	3439.6	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
41	12400.00	89.16	87.26	100	9109.9	3539.6	169.4	3535.5	3539.6	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
42	12500.00	89.16	87.26	100	9111.4	3639.6	174.2	3635.4	3639.6	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
43	12600.00	89.16	87.26	100	9112.8	3739.6	179.0	3735.3	3739.6	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
44	12700.00	89.16	87.26	100	9114.3	3839.6	183.7	3835.2	3839.6	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
45	12800.00	89.16	87.26	100	9115.8	3939.6	188.5	3935.0	3939.6	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
46	12900.00	89.16	87.26	100	9117.2	4039.5	193.3	4034.9	4039.5	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
47	13000.00	89.16	87.26	100	9118.7	4139.5	198.1	4134.8	4139.5	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
48	13100.00	89.16	87.26	100	9120.1	4239.5	202.9	4234.7	4239.5	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
49	13200.00	89.16	87.26	100	9121.6	4339.5	207.7	4334.5	4339.5	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
50	13300.00	89.16	87.26	100	9123.1	4439.5	212.5	4434.4	4439.5	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
51	13400.00	89.16	87.26	100	9124.5	4539.5	217.2	4534.3	4539.5	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
52	13500.00	89.16	87.26	100	9126.0	4639.5	222.0	4634.2	4639.5	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
53	13600.00	89.16	87.26	100	9127.5	4739.5	226.8	4734.0	4739.5	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
54	13700.00	89.16	87.26	100	9128.9	4839.5	231.6	4833.9	4839.5	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
55	13800.00	89.16	87.26	100	9130.4	4939.5	236.4	4933.8	4939.5	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52
56	13900.00	89.16	87.26	100	9131.9	5039.4	241.2	5033.7	5039.4	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52

ATTACHMENT E-1

57	14000.00	89.16	87.26	100	9133.3	5139.4	246.0	5133.5	5139.4	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
58	14100.00	89.16	87.26	100	9134.8	5239.4	250.7	5233.4	5239.4	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
59	14200.00	89.16	87.26	100	9136.3	5339.4	255.5	5333.3	5339.4	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
60	14300.00	89.16	87.26	100	9137.7	5439.4	260.3	5433.2	5439.4	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
61	14400.00	89.16	87.26	100	9139.2	5539.4	265.1	5533.0	5539.4	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
62	14500.00	89.16	87.26	100	9140.7	5639.4	269.9	5632.9	5639.4	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
63	14600.00	89.16	87.26	100	9142.1	5739.4	274.7	5732.8	5739.4	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
64	14700.00	89.16	87.26	100	9143.6	5839.4	279.4	5832.7	5839.4	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
65	14800.00	89.16	87.26	100	9145.0	5939.3	284.2	5932.5	5939.3	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
66	14900.00	89.16	87.26	100	9146.5	6039.3	289.0	6032.4	6039.3	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
67	15000.00	89.16	87.26	100	9148.0	6139.3	293.8	6132.3	6139.3	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
68	15100.00	89.16	87.26	100	9149.4	6239.3	298.6	6232.2	6239.3	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
69	15200.00	89.16	87.26	100	9150.9	6339.3	303.4	6332.0	6339.3	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
70	15300.00	89.16	87.26	100	9152.4	6439.3	308.2	6431.9	6439.3	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
71	15400.00	89.16	87.26	100	9153.8	6539.3	312.9	6531.8	6539.3	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
72	15500.00	89.16	87.26	100	9155.3	6639.3	317.7	6631.7	6639.3	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
73	15600.00	89.16	87.26	100	9156.8	6739.3	322.5	6731.5	6739.3	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
74	15700.00	89.16	87.26	100	9158.2	6839.2	327.3	6831.4	6839.2	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
75	15800.00	89.16	87.26	100	9159.7	6939.2	332.1	6931.3	6939.2	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
76	15900.00	89.16	87.26	100	9161.2	7039.2	336.9	7031.2	7039.2	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
77	16000.00	89.16	87.26	100	9162.6	7139.2	341.7	7131.0	7139.2	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
78	16100.00	89.16	87.26	100	9164.1	7239.2	346.4	7230.9	7239.2	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
79	16200.00	89.16	87.26	100	9165.5	7339.2	351.2	7330.8	7339.2	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
80	16300.00	89.16	87.26	100	9167.0	7439.2	356.0	7430.7	7439.2	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
81	16400.00	89.16	87.26	100	9168.5	7539.2	360.8	7530.5	7539.2	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
82	16500.00	89.16	87.26	100	9169.9	7639.2	365.6	7630.4	7639.2	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
83	16600.00	89.16	87.26	100	9171.4	7739.2	370.4	7730.3	7739.2	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
84	16700.00	89.16	87.26	100	9172.9	7839.1	375.1	7830.2	7839.1	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
85	16800.00	89.16	87.26	100	9174.3	7939.1	379.9	7930.0	7939.1	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
86	16900.00	89.16	87.26	100	9175.8	8039.1	384.7	8029.9	8039.1	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
87	17000.00	89.16	87.26	100	9177.3	8139.1	389.5	8129.8	8139.1	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
88	17100.00	89.16	87.26	100	9178.7	8239.1	394.3	8229.7	8239.1	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
89	17200.00	89.16	87.26	100	9180.2	8339.1	399.1	8329.5	8339.1	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
90	17300.00	89.16	87.26	100	9181.7	8439.1	403.9	8429.4	8439.1	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
91	17400.00	89.16	87.26	100	9183.1	8539.1	408.6	8529.3	8539.1	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
92	17500.00	89.16	87.26	100	9184.6	8639.1	413.4	8629.2	8639.1	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
93	17600.00	89.16	87.26	100	9186.0	8739.0	418.2	8729.0	8739.0	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
94	17700.00	89.16	87.26	100	9187.5	8839.0	423.0	8828.9	8839.0	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
95	17800.00	89.16	87.26	100	9189.0	8939.0	427.8	8928.8	8939.0	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
96	17900.00	89.16	87.26	100	9190.4	9039.0	432.6	9028.7	9039.0	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
97	18000.00	89.16	87.26	100	9191.9	9139.0	437.4	9128.5	9139.0	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
98	18100.00	89.16	87.26	100	9193.4	9239.0	442.1	9228.4	9239.0	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
99	18200.00	89.16	87.26	100	9194.8	9339.0	446.9	9328.3	9339.0	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
100	18300.00	89.16	87.26	100	9196.3	9439.0	451.7	9428.2	9439.0	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
101	18400.00	89.16	87.26	100	9197.8	9539.0	456.5	9528.0	9539.0	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
102	18500.00	89.16	87.26	100	9199.2	9638.9	461.3	9627.9	9638.9	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
103	18600.00	89.16	87.26	100	9200.7	9738.9	466.1	9727.8	9738.9	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
104	18700.00	89.16	87.26	100	9202.2	9838.9	470.9	9827.7	9838.9	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
105	18800.00	89.16	87.26	100	9203.6	9938.9	475.6	9927.5	9938.9	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
106	18900.00	89.16	87.26	100	9205.1	10038.9	480.4	10027.4	10038.9	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
107	19000.00	89.16	87.26	100	9206.5	10138.9	485.2	10127.3	10138.9	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
108	19100.00	89.16	87.26	100	9208.0	10238.9	490.0	10227.2	10238.9	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
109	19200.00	89.16	87.26	100	9209.5	10338.9	494.8	10327.0	10338.9	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
110	19300.00	89.16	87.26	100	9210.9	10438.9	499.6	10426.9	10438.9	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
111	19400.00	89.16	87.26	100	9212.4	10538.9	504.3	10526.8	10538.9	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
112	19500.00	89.16	87.26	100	9213.9	10638.8	509.1	10626.7	10638.8	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10
113	19579.55	89.16	87.26	79.552	9215.0	10718.4	512.9	10706.1	10718.4	87.3	0.0	0.0	9058.1	6.9	1.556151821	1.52	1E-10

Mewbourne Oil Company

SURVEY CALCULATION REPORT
Minimum Curvature Calculations

Operator: Mewbourne Oil Company
Lease Name: Perazzi 9/10 WDMP Fed 111
KOP 8825.54
SL: 750 FSL & 210 FEL Sec 8/20S/29E
PBHL: 440 FSL & 100 FEL Sec 10/20S/29E

Target KBTVD: 9,303 Feet 9303.00
Target Angle: 89.40 Degrees 89.40
Section Plane: 91.75 Degrees
Declination Corrected to True North: 6.63 Degrees
Bit to Survey Offset: 44 Feet

Survey No.	Measured Depth-ft	Drift (Deg.)	Azimuth (Deg.)	Course Length	TVD (Feet)	Vertical Section	+N/-S (Feet)	+E/-W (Feet)	Closure Distance	Closure Direction	BUR	DLS	KBTVD	+Above		AZIMUTH (RADIAN)
														-Below Target	DRIFT (RADIAN)	
T/1	8825.54	0.00	91.75	N/A	8825.5	0.0	0.0	0.0	0.0	0.0	N/A	N/A	8825.5	477.5	1E-12	1.60 #VALUE!
1	8900.04	8.84	91.75	74.5009	8899.7	5.8	-0.2	5.8	91.7	12.0	12.0	8899.7	403.3	0.1560344	1.60 0.1560344	
2	8974.54	17.88	91.75	74.5009	8972.1	23.1	-0.7	23.1	23.1	91.7	12.0	8971.9	331.1	0.3120688	1.60 0.1560344	
3	9049.04	26.82	91.75	74.5009	9041.0	51.4	-1.6	51.3	51.4	91.7	12.0	9040.4	262.6	0.4681032	1.60 0.1560344	
4	9123.54	35.76	91.75	74.5009	9104.6	90.0	-2.7	90.0	90.0	91.7	12.0	9103.6	199.4	0.6241376	1.60 0.1560344	
5	9198.04	44.70	91.75	74.5009	9161.4	138.1	-4.2	138.0	138.1	91.7	12.0	9159.9	143.1	0.780172	1.60 0.1560344	
6	9272.54	53.64	91.75	74.5009	9210.0	194.4	-5.9	194.3	194.4	91.7	12.0	9208.0	95.0	0.9362064	1.60 0.1560344	
7	9347.04	62.58	91.75	74.5009	9249.4	257.6	-7.9	257.5	257.6	91.7	12.0	9246.7	56.3	1.0922408	1.60 0.1560344	
8	9421.54	71.52	91.75	74.5009	9278.4	326.1	-10.0	326.0	326.1	91.7	12.0	9275.0	28.0	1.2482752	1.60 0.1560344	
9	9496.04	80.46	91.75	74.5009	9296.4	398.3	-12.2	398.2	398.3	91.7	12.0	9292.2	10.8	1.4043096	1.60 0.1560344	
10	9570.54	89.40	91.75	74.5009	9303.0	472.5	-14.4	472.3	472.5	91.7	12.0	9298.0	5.0	1.560344	1.60 0.1560344	
11	9600.00	89.40	91.75	29.4554	9303.3	501.9	-15.3	501.7	501.9	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
12	9700.00	89.40	91.75	100	9304.3	601.9	-18.4	601.6	601.9	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
13	9800.00	89.40	91.75	100	9305.4	701.9	-21.4	701.6	701.9	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
14	9900.00	89.40	91.75	100	9306.4	801.9	-24.5	801.5	801.9	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
15	10000.00	89.40	91.75	100	9307.5	901.9	-27.5	901.5	901.9	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
16	10100.00	89.40	91.75	100	9308.5	1001.9	-30.6	1001.4	1001.9	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
17	10200.00	89.40	91.75	100	9309.6	1101.9	-33.6	1101.4	1101.9	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
18	10300.00	89.40	91.75	100	9310.6	1201.9	-36.7	1201.3	1201.9	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
19	10400.00	89.40	91.75	100	9311.6	1301.9	-39.7	1301.3	1301.9	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
20	10500.00	89.40	91.75	100	9312.7	1401.9	-42.8	1401.2	1401.9	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
21	10600.00	89.40	91.75	100	9313.7	1501.9	-45.8	1501.2	1501.9	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
22	10700.00	89.40	91.75	100	9314.8	1601.9	-48.9	1601.1	1601.9	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
23	10800.00	89.40	91.75	100	9315.8	1701.9	-52.0	1701.1	1701.9	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
24	10900.00	89.40	91.75	100	9316.9	1801.9	-55.0	1801.0	1801.9	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
25	11000.00	89.40	91.75	100	9317.9	1901.9	-58.1	1901.0	1901.9	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
26	11100.00	89.40	91.75	100	9319.0	2001.8	-61.1	2000.9	2001.8	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
27	11200.00	89.40	91.75	100	9320.0	2101.8	-64.2	2100.9	2101.8	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
28	11300.00	89.40	91.75	100	9321.1	2201.8	-67.2	2200.8	2201.8	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
29	11400.00	89.40	91.75	100	9322.1	2301.8	-70.3	2300.8	2301.8	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
30	11500.00	89.40	91.75	100	9323.1	2401.8	-73.3	2400.7	2401.8	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
31	11600.00	89.40	91.75	100	9324.2	2501.8	-76.4	2500.7	2501.8	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
32	11700.00	89.40	91.75	100	9325.2	2601.8	-79.4	2600.6	2601.8	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
33	11800.00	89.40	91.75	100	9326.3	2701.8	-82.5	2700.5	2701.8	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
34	11900.00	89.40	91.75	100	9327.3	2801.8	-85.5	2800.5	2801.8	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
35	12000.00	89.40	91.75	100	9328.4	2901.8	-88.6	2900.4	2901.8	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
36	12100.00	89.40	91.75	100	9329.4	3001.8	-91.6	3000.4	3001.8	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
37	12200.00	89.40	91.75	100	9330.5	3101.8	-94.7	3100.3	3101.8	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
38	12300.00	89.40	91.75	100	9331.5	3201.8	-97.7	3200.3	3201.8	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
39	12400.00	89.40	91.75	100	9332.5	3301.8	-100.8	3300.2	3301.8	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
40	12500.00	89.40	91.75	100	9333.6	3401.8	-103.8	3400.2	3401.8	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
41	12600.00	89.40	91.75	100	9334.6	3501.8	-106.9	3500.1	3501.8	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
42	12700.00	89.40	91.75	100	9335.7	3601.8	-110.0	3600.1	3601.8	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
43	12800.00	89.40	91.75	100	9336.7	3701.8	-113.0	3700.0	3701.8	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
44	12900.00	89.40	91.75	100	9337.8	3801.7	-116.1	3800.0	3801.7	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
45	13000.00	89.40	91.75	100	9338.8	3901.7	-119.1	3899.9	3901.7	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
46	13100.00	89.40	91.75	100	9339.9	4001.7	-122.2	3999.9	4001.7	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
47	13200.00	89.40	91.75	100	9340.9	4101.7	-125.2	4099.8	4101.7	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
48	13300.00	89.40	91.75	100	9342.0	4201.7	-128.3	4199.8	4201.7	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
49	13400.00	89.40	91.75	100	9343.0	4301.7	-131.3	4299.7	4301.7	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
50	13500.00	89.40	91.75	100	9344.0	4401.7	-134.4	4399.7	4401.7	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
51	13600.00	89.40	91.75	100	9345.1	4501.7	-137.4	4499.6	4501.7	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
52	13700.00	89.40	91.75	100	9346.1	4601.7	-140.5	4599.6	4601.7	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
53	13800.00	89.40	91.75	100	9347.2	4701.7	-143.5	4699.5	4701.7	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
54	13900.00	89.40	91.75	100	9348.2	4801.7	-146.6	4799.5	4801.7	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
55	14000.00	89.40	91.75	100	9349.3	4901.7	-149.6	4899.4	4901.7	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10
56	14100.00	89.40	91.75	100	9350.3	5001.7	-152.7	4999.4	5001.7	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60 1E-10

ATTACHMENT E-2

57	14200.00	89.40	91.75	100	9351.4	5101.7	-155.7	5099.3	5101.7	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
58	14300.00	89.40	91.75	100	9352.4	5201.7	-158.8	5199.2	5201.7	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
59	14400.00	89.40	91.75	100	9353.5	5301.7	-161.8	5299.2	5301.7	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
60	14500.00	89.40	91.75	100	9354.5	5401.7	-164.9	5399.1	5401.7	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
61	14600.00	89.40	91.75	100	9355.5	5501.7	-168.0	5499.1	5501.7	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
62	14700.00	89.40	91.75	100	9356.6	5601.6	-171.0	5599.0	5601.6	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
63	14800.00	89.40	91.75	100	9357.6	5701.6	-174.1	5699.0	5701.6	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
64	14900.00	89.40	91.75	100	9358.7	5801.6	-177.1	5798.9	5801.6	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
65	15000.00	89.40	91.75	100	9359.7	5901.6	-180.2	5898.9	5901.6	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
66	15100.00	89.40	91.75	100	9360.8	6001.6	-183.2	5998.8	6001.6	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
67	15200.00	89.40	91.75	100	9361.8	6101.6	-186.3	6098.8	6101.6	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
68	15300.00	89.40	91.75	100	9362.9	6201.6	-189.3	6198.7	6201.6	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
69	15400.00	89.40	91.75	100	9363.9	6301.6	-192.4	6298.7	6301.6	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
70	15500.00	89.40	91.75	100	9364.9	6401.6	-195.4	6398.6	6401.6	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
71	15600.00	89.40	91.75	100	9366.0	6501.6	-198.5	6498.6	6501.6	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
72	15700.00	89.40	91.75	100	9367.0	6601.6	-201.5	6598.5	6601.6	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
73	15800.00	89.40	91.75	100	9368.1	6701.6	-204.6	6698.5	6701.6	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
74	15900.00	89.40	91.75	100	9369.1	6801.6	-207.6	6798.4	6801.6	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
75	16000.00	89.40	91.75	100	9370.2	6901.6	-210.7	6898.4	6901.6	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
76	16100.00	89.40	91.75	100	9371.2	7001.6	-213.7	6998.3	7001.6	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
77	16200.00	89.40	91.75	100	9372.3	7101.6	-216.8	7098.3	7101.6	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
78	16300.00	89.40	91.75	100	9373.3	7201.6	-219.8	7198.2	7201.6	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
79	16400.00	89.40	91.75	100	9374.4	7301.6	-222.9	7298.2	7301.6	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
80	16500.00	89.40	91.75	100	9375.4	7401.6	-226.0	7398.1	7401.6	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
81	16600.00	89.40	91.75	100	9376.4	7501.5	-229.0	7498.0	7501.5	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
82	16700.00	89.40	91.75	100	9377.5	7601.5	-232.1	7598.0	7601.5	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
83	16800.00	89.40	91.75	100	9378.5	7701.5	-235.1	7697.9	7701.5	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
84	16900.00	89.40	91.75	100	9379.6	7801.5	-238.2	7797.9	7801.5	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
85	17000.00	89.40	91.75	100	9380.6	7901.5	-241.2	7897.8	7901.5	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
86	17100.00	89.40	91.75	100	9381.7	8001.5	-244.3	7997.8	8001.5	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
87	17200.00	89.40	91.75	100	9382.7	8101.5	-247.3	8097.7	8101.5	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
88	17300.00	89.40	91.75	100	9383.8	8201.5	-250.4	8197.7	8201.5	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
89	17400.00	89.40	91.75	100	9384.8	8301.5	-253.4	8297.6	8301.5	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
90	17500.00	89.40	91.75	100	9385.9	8401.5	-256.5	8397.6	8401.5	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
91	17600.00	89.40	91.75	100	9386.9	8501.5	-259.5	8497.5	8501.5	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
92	17700.00	89.40	91.75	100	9387.9	8601.5	-262.6	8597.5	8601.5	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
93	17800.00	89.40	91.75	100	9389.0	8701.5	-265.6	8697.4	8701.5	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
94	17900.00	89.40	91.75	100	9390.0	8801.5	-268.7	8797.4	8801.5	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
95	18000.00	89.40	91.75	100	9391.1	8901.5	-271.7	8897.3	8901.5	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
96	18100.00	89.40	91.75	100	9392.1	9001.5	-274.8	8997.3	9001.5	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
97	18200.00	89.40	91.75	100	9393.2	9101.5	-277.8	9097.2	9101.5	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
98	18300.00	89.40	91.75	100	9394.2	9201.5	-280.9	9197.2	9201.5	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
99	18400.00	89.40	91.75	100	9395.3	9301.4	-284.0	9297.1	9301.4	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
100	18500.00	89.40	91.75	100	9396.3	9401.4	-287.0	9397.1	9401.4	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
101	18600.00	89.40	91.75	100	9397.4	9501.4	-290.1	9497.0	9501.4	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
102	18700.00	89.40	91.75	100	9398.4	9601.4	-293.1	9597.0	9601.4	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
103	18800.00	89.40	91.75	100	9399.4	9701.4	-296.2	9696.9	9701.4	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
104	18900.00	89.40	91.75	100	9400.5	9801.4	-299.2	9796.9	9801.4	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
105	19000.00	89.40	91.75	100	9401.5	9901.4	-302.3	9896.8	9901.4	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
106	19100.00	89.40	91.75	100	9402.6	10001.4	-305.3	9996.7	10001.4	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
107	19200.00	89.40	91.75	100	9403.6	10101.4	-308.4	10096.7	10101.4	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
108	19300.00	89.40	91.75	100	9404.7	10201.4	-311.4	10196.6	10201.4	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
109	19400.00	89.40	91.75	100	9405.7	10301.4	-314.5	10296.6	10301.4	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
110	19500.00	89.40	91.75	100	9406.8	10401.4	-317.5	10396.5	10401.4	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
111	19600.00	89.40	91.75	100	9407.8	10501.4	-320.6	10496.5	10501.4	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
112	19700.00	89.40	91.75	100	9408.8	10601.4	-323.6	10596.4	10601.4	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10
113	19800.00	89.40	91.75	100	9409.9	10701.4	-326.7	10696.4	10701.4	91.7	0.0	0.0	9298.0	5.0	1.560344	1.60	1E-10

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

APPLICATIONS OF MEWBOURNE OIL COMPANY
FOR COMPULSORY POOLING, EDDY COUNTY,
NEW MEXICO.

Case Nos. 21964

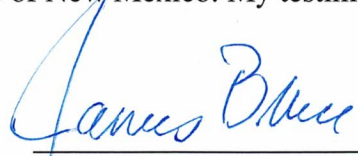
SELF-AFFIRMED STATEMENT OF NOTICE

COUNTY OF SANTA FE)
) ss.
STATE OF NEW MEXICO)

James Bruce deposes and states:

1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am an attorney for Mewbourne Oil Company.
3. Mewbourne Oil Company has conducted a good faith, diligent effort to find the names and correct addresses of the interest owners entitled to receive notice of the application filed herein.
4. Notice of the application was provided to the interest owner, at their last known addresses, by certified mail. Copies of the notice letter and certified return receipts are attached hereto as Attachment A.
5. Applicant has complied with the notice provisions of Division Rules.
6. I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 5 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date: 6/15/21



James Bruce

EXHIBIT 

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)

jamesbruc@aol.com

May 27, 2021

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

To: Persons on Exhibit A

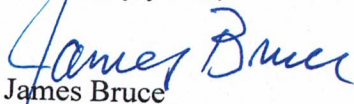
Ladies and gentlemen:

Enclosed is a copy of an application for compulsory pooling, filed with the New Mexico Oil Conservation Division by Mewbourne Oil Company, regarding a Bone Spring well in a horizontal well unit comprised of the S/2S/2 of Section 9 and the S/2S/2 of Section 10 (Case No. 21964), Township 20 South, Range 29 East, NMPM, Eddy County, New Mexico.

This matter is scheduled for hearing at 8:15 a.m. on Thursday, June 17, 2021. During the COVID-19 Public Health Emergency, state buildings are closed to the public and the hearing will be conducted remotely. To determine the location of the hearing or to participate in an electronic hearing, go to emnrd.state.nm.us/OCD/hearings or see the instructions posted on the Division's website, <http://emnrd.state.nm.us/OCD/announcements.html>. You are not required to attend this hearing, but as an owner of an interest who may be affected by the application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting this matter at a later date.

A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than Thursday, June 10, 2021. This statement may be filed online with the Division at ocd.hearings@state.nm.us, and should include: The name of the party and his or her attorney; a concise statement of the case; the name(s) of the witness(es) the party will call to testify at the hearing; the approximate time the party will need to present his or her case; and identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to the undersigned.

Very truly yours,


James Bruce

Attorney for Mewbourne Oil Company

ATTACHMENT 

EXHIBIT A

COG Operating, LLC
600 W. Illinois Avenue
Midland, Texas 79701
Attn: Brent Sawyer

Eric Chaney Croft and
Elizabeth Ann Williamson,
Co-Trustees of the Charla
Geraldine Williamson Trust
738 H Street
Anchorage, Alaska 99501

Norton, LLC
60 Beach Avenue
South Dartmouth, Massachusetts 02748

Clifton E. Shumate
P.O. Box 8632
Midland, Texas 79708

Carol Shumate
P.O. Box 8632
Midland, Texas 79708

Paul M. Fish
2155 Louisiana Boulevard NE, Suite 300
Albuquerque, New Mexico 87110

Diane Daniels Denish
2604 Morrow Road NE
Albuquerque, New Mexico 87106

Patrice Schooley Fish
2155 Louisiana Boulevard NE, Suite 300
Albuquerque, New Mexico 87110

Douglas L. Alpers
2207 Casa Bonita
Alamogordo, NM 88310

Diane K. Alpers Leven
3104 Onate Road
Roswell, NM 88201

Diane Daniels Denish, Trustee of the
Spencer Schreiber Trust
2604 Morrow Road NE
Albuquerque, New Mexico 87106

Ralph E. Williamson
Family Trust
738 H Street
Anchorage, Alaska 99501

Siete Oil and Gas Corporation
P.O. Box 2473
Midland, Texas 79702

Mr. and Mrs. Jeffrey N. Johnston
P.O. Box 1324
Midland, TX 79702

Michael A. Short
110 N. Marienfield, Suite 200
Midland, TX 79701

Harold D. Justice
711 South Country Club Lane
Payson, Arizona 85541

Donald R. Curry
3800 Tulsa Way
Fort Worth, Texas 76107

Michael James Ikard
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Carlsbad, New Mexico 88220

Timothy Z. Jennings
P.O. Box 1797
Roswell, New Mexico 88202

Alice M. Morello, Trustee of the
Patrick J. Morello and Alice M. Morello Trust
3534 Gettysburg Place
Jefferson City, Missouri 65109

Robert L. Thornton
7928 Vista Ridge Drive North
Fort Worth, Texas 76132

Brooks Oil and Gas Interests, Ltd.
1044 Calico Ridge Drive
Henderson, Nevada 89011

Margaret K. Hunker Trust
3200 North Tocomo Street
Arlington, Virginia 22213

Centennial LLC
P.O. Box 1837
Roswell, New Mexico 88202

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Total Postage \$
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City, State, ZIP+4®

Alice M. Morello, Trustee of the
Patrick J. Morello and Alice M. Morello Trust
3534 Gettysburg Place
Jefferson City, Missouri 65109

PS Form 3800, April 2015 PSN 7530-02-000-9047
See Reverse for Instructions

7020 0640 0000 1389 5605

COMPLETE THIS SECTION ON DELIVERY

A. Signature Kay Spadek Agent
B. Received by (Printed Name) Kay Spadek Addressee
C. Date of Delivery 6-8-21
D. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No



3. Service Type
 Priority Mail Express®
 Registered Mail™
 Adult Signature Restricted Delivery
 Certified Mail®
 Certified Mail Restricted Delivery
 Return Receipt for Merchandise
 Signature Confirmation™
 Signature Confirmation Restricted Delivery
 Insured Mail Restricted Delivery (over \$500)

Domestic Return Receipt

2. 7020 0640 0000 1389 5599

PS Form 3811, July 2015 PSN 7530-02-000-9053

1. Complete items 1, 2, and 3.
Print your name and address on the reverse so that we can return the card to you.
Attach this card to the back of the mailpiece, or on the front if space permits.

Timothy Z. Jennings
P.O. Box 1797
Roswell, New Mexico 88202



9590 9402 5941 0062 9351 98

7020 0640 0000 1389 5599

PS Form 3811, July 2015 PSN 7530-02-000-9053

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee
Extra Services & Fees (check box, add fee as appropriate)
 Return Receipt (hardcopy) \$
 Return Receipt (electronic) \$
 Certified Mail Restricted Delivery \$
 Adult Signature Required \$
 Adult Signature Restricted Delivery \$

Postage
Total Postage and Fees

Sent To
Street and Ap.
City, State, ZIP+4®

Timothy Z. Jennings
P.O. Box 1797
Roswell, New Mexico 88202

PS Form 3800, April 2015 PSN 7530-02-000-9047
See Reverse for Instructions

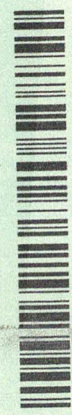
7020 0640 0000 1389 5599

SENDER: COMPLETE THIS SECTION

1. Complete items 1, 2, and 3.
Print your name and address on the reverse so that we can return the card to you.
Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Alice M. Morello, Trustee of the
Patrick J. Morello and Alice M. Morello Trust
3534 Gettysburg Place
Jefferson City, Missouri 65109



9590 9402 5941 0062 9352 04

2. 7020 0640 0000 1389 5605

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature X MS 6510935 Agent
 Addressee
B. Received by (Printed Name) MS 6510935 Date of Delivery 6-7-21

D. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No

3. Service Type
 Priority Mail Express®
 Registered Mail™
 Adult Signature Restricted Delivery
 Certified Mail®
 Certified Mail Restricted Delivery
 Return Receipt for Merchandise
 Signature Confirmation™
 Signature Confirmation Restricted Delivery
 Insured Mail Restricted Delivery (over \$500)

Domestic Return Receipt

7020 0640 0000 1389 5605

SENDER: COMPLETE THIS SECTION

Complete items 1, 2, and 3.
 Print your name and address on the reverse so that we can return the card to you.
 Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Margaret K. Hunker Trust
 3200 North Tocomo Street
 Arlington, Virginia 22213

2. Article **7020 0640 0000 1389 5636** (over \$500)

3. Service Type
 Priority Mail Express®
 Registered Mail™
 Adult Signature Restricted Delivery
 Certified Mail®
 Collect on Delivery

Return Receipt (hardcopy) \$
 Return Receipt (electronic) \$
 Certified Mail Restricted Delivery \$
 Adult Signature Required \$
 Adult Signature Restricted Delivery \$

Postmark Here

Signature Agent
 Received by (Printed Name) **Margaret Hunker** C. Date of Delivery **6/4/21**

Is delivery address different from item 1? Yes No
 If YES, enter delivery address below:

Priority Mail Express®
 Registered Mail™
 Adult Signature Restricted Delivery
 Return Receipt for Merchandise
 Signature Confirmation™
 Restricted Delivery

Domestic Return Receipt

PS Form 3811, July 2015 PSN 7530-02-000-9053

U.S. Postal Service™
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OFFICIAL USE

Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)
 Return Receipt (hardcopy) \$
 Return Receipt (electronic) \$
 Certified Mail Restricted Delivery \$
 Adult Signature Required \$
 Adult Signature Restricted Delivery \$

Postmark Here

Total Postage and Fees \$

Sent To **Norton, L.L.C.**
60 Beach Avenue
South Dartmouth, Massachusetts 02748

Street and City, State, Zip+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com

OFFICIAL USE

Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)
 Return Receipt (hardcopy) \$
 Return Receipt (electronic) \$
 Certified Mail Restricted Delivery \$
 Adult Signature Required \$
 Adult Signature Restricted Delivery \$

Postmark Here

Total Postage and Fees \$

Sent To **Margaret K. Hunker Trust**
3200 North Tocomo Street
Arlington, Virginia 22213

Street and City, State, Zip+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

Complete items 1, 2, and 3.
 Print your name and address on the reverse so that we can return the card to you.
 Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Norton, L.L.C.
 60 Beach Avenue
 South Dartmouth, Massachusetts 02748

2. Article **7020 0640 0000 1389 5438** (over \$500)

3. Service Type
 Priority Mail Express®
 Registered Mail™
 Adult Signature Restricted Delivery
 Certified Mail®
 Collect on Delivery

Return Receipt (hardcopy) \$
 Return Receipt (electronic) \$
 Certified Mail Restricted Delivery \$
 Adult Signature Required \$
 Adult Signature Restricted Delivery \$

Postmark Here

Signature Agent
 Received by (Printed Name) **RS C-19** C. Date of Delivery **6/4/19**

Is delivery address different from item 1? Yes No
 If YES, enter delivery address below:

Priority Mail Express®
 Registered Mail™
 Adult Signature Restricted Delivery
 Return Receipt for Merchandise
 Signature Confirmation™
 Restricted Delivery

Domestic Return Receipt

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature **RS C-19** Agent Addressee

B. Received by (Printed Name) **RS C-19** C. Date of Delivery **6/4/19**

D. Is delivery address different from item 1? Yes No
 If YES, enter delivery address below:

Priority Mail Express®
 Registered Mail™
 Adult Signature Restricted Delivery
 Return Receipt for Merchandise
 Signature Confirmation™
 Restricted Delivery

Domestic Return Receipt

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com

OFFICIAL USE

Postmark Here

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Centennial LLC
P.O. Box 1837
Roswell, New Mexico 88202

Sent To
Street and Apt. No.
City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

EH95 6RET 0000 0490 0202

SENDER: COMPLETE THIS SECTION

1. Complete items 1, 2, and 3.
Print your name and address on the reverse so that we can return the card to you.
Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Michael James Ikard
1404 West Riverside Drive
Carlsbad, New Mexico 88220

2. Article Number (Transfer from mailing label)

7020 0640 0000 1389 5582

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent Addressee

B. Received by (Printed Name) *Michael James Ikard*

C. Date of Delivery *6-9-21*

D. Is delivery address different from item 1? Yes No
If YES, enter delivery address below:

3. Service Type

Priority Mail Express®

Registered Mail™

Adult Signature Restricted Delivery

Certified Mail®

Return Receipt for Merchandise

Signature Confirmation™

Restricted Delivery

Domestic Return Receipt

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com

OFFICIAL USE

Postmark Here

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Michael James Ikard
1404 West Riverside Drive
Carlsbad, New Mexico 88220

Sent To
Street and Apt. No.
City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

2855 6RET 0000 1389 5582

SENDER: COMPLETE THIS SECTION

1. Complete items 1, 2, and 3.
Print your name and address on the reverse so that we can return the card to you.
Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Centennial LLC
P.O. Box 1837
Roswell, New Mexico 88202

2. Article Number (Transfer from mailing label)

7020 0640 0000 1389 5643

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature *Michael James Ikard* Agent Addressee

B. Received by (Printed Name) *Michael James Ikard*

C. Date of Delivery *6/7*

D. Is delivery address different from item 1? Yes No
If YES, enter delivery address below:

3. Service Type

Priority Mail Express®

Registered Mail™

Adult Signature Restricted Delivery

Certified Mail®

Return Receipt for Merchandise

Signature Confirmation™

Restricted Delivery

Domestic Return Receipt

JUN 7 2021

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com

OFFICIAL USE

2795 68E7 0000 0490 0202

1. Article Addressed to:

Douglas L. Alpers
2207 Casa Bonita
Alamogordo, NM 88310

2. Article 7020 0640 0000 1389 5490 (over \$500)

PS Form 3811, July 2015 PSN 7530-02-000-9053

3. Service Type
 Adult Signature
 Adult Signature Restricted Delivery
 Certified Mail®
 Certified Mail Restricted Delivery
 Collect on Delivery
 Collect on Delivery Restricted Delivery
 Signature Confirmation™
 Signature Confirmation Restricted Delivery

4. Is delivery address different from item 1? Yes No

5. Date of Delivery 6-3-21

6. Received by (Printed Name) Dani Alpers

7. Signature [Signature]

8. Agent Addressee

9. Return Receipt (hardcopy) \$
 Return Receipt (electronic) \$
 Certified Mail Restricted Delivery \$
 Adult Signature Required \$
 Adult Signature Restricted Delivery \$

10. Postage \$

11. Total Postage \$

12. Sent To Robert L. Thornton
7928 Vista Ridge Drive North
Fort Worth, Texas 76132

13. Street and Apt. No., or PO Box No.
City, State, ZIP+4®

14. See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

1. Complete items 1, 2, and 3.
 2. Print your name and address on the reverse so that we can return the card to you.
 3. Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Robert L. Thornton
7928 Vista Ridge Drive North
Fort Worth, Texas 76132

2. Article 7020 0640 0000 1389 5612 (over \$500)

PS Form 3811, July 2015 PSN 7530-02-000-9053

3. Service Type
 Priority Mail Express®
 Registered Mail™
 Registered Mail Restricted Delivery
 Return Receipt for Merchandise
 Signature Confirmation™
 Signature Confirmation Restricted Delivery

4. Is delivery address different from item 1? Yes No

5. Date of Delivery 6-3-21

6. Received by (Printed Name) Dani Alpers

7. Signature [Signature]

8. Agent Addressee

9. Return Receipt (hardcopy) \$
 Return Receipt (electronic) \$
 Certified Mail Restricted Delivery \$
 Adult Signature Required \$
 Adult Signature Restricted Delivery \$

10. Postage \$

11. Total Postage \$

12. Sent To Robert L. Thornton
7928 Vista Ridge Drive North
Fort Worth, Texas 76132

13. Street and Apt. No., or PO Box No.
City, State, ZIP+4®

14. See Reverse for Instructions

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com

OFFICIAL USE

0645 68E7 0000 0490 0202

1. Article Addressed to:

Douglas L. Alpers
2207 Casa Bonita
Alamogordo, NM 88310

2. Article 7020 0640 0000 1389 5490 (over \$500)

PS Form 3800, April 2015 PSN 7530-02-000-9047

3. Service Type
 Priority Mail Express®
 Registered Mail™
 Registered Mail Restricted Delivery
 Return Receipt for Merchandise
 Signature Confirmation™
 Signature Confirmation Restricted Delivery

4. Is delivery address different from item 1? Yes No

5. Date of Delivery 6-3-21

6. Received by (Printed Name) Dani Alpers

7. Signature [Signature]

8. Agent Addressee

9. Return Receipt (hardcopy) \$
 Return Receipt (electronic) \$
 Certified Mail Restricted Delivery \$
 Adult Signature Required \$
 Adult Signature Restricted Delivery \$

10. Postage \$

11. Total Postage \$

12. Sent To Douglas L. Alpers
2207 Casa Bonita
Alamogordo, NM 88310

13. Street and Apt. No., or PO Box No.
City, State, ZIP+4®

14. See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

1. Complete items 1, 2, and 3.
 2. Print your name and address on the reverse so that we can return the card to you.
 3. Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Robert L. Thornton
7928 Vista Ridge Drive North
Fort Worth, Texas 76132

2. Article 7020 0640 0000 1389 5612 (over \$500)

PS Form 3811, July 2015 PSN 7530-02-000-9053

3. Service Type
 Priority Mail Express®
 Registered Mail™
 Registered Mail Restricted Delivery
 Return Receipt for Merchandise
 Signature Confirmation™
 Signature Confirmation Restricted Delivery

4. Is delivery address different from item 1? Yes No

5. Date of Delivery 6-3-21

6. Received by (Printed Name) Dani Alpers

7. Signature [Signature]

8. Agent Addressee

9. Return Receipt (hardcopy) \$
 Return Receipt (electronic) \$
 Certified Mail Restricted Delivery \$
 Adult Signature Required \$
 Adult Signature Restricted Delivery \$

10. Postage \$

11. Total Postage \$

12. Sent To Robert L. Thornton
7928 Vista Ridge Drive North
Fort Worth, Texas 76132

13. Street and Apt. No., or PO Box No.
City, State, ZIP+4®

14. See Reverse for Instructions

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only**

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

7020 0640 0000 1388 3152

Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage \$

Total Postage \$

Sent To **Eric Chuncy Croft and Elizabeth Ann Williamson, Co-Trustees of the Charla Geraldine Williamson Trust**

Street and Ap **738 H Street**

City, State, ZIP+4® **Anchorage, Alaska 99501**

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Postmark Here

SENDER: COMPLETE THIS SECTION

1. Article Addressed to:

Complete items 1, 2, and 3.

Print your name and address on the reverse so that we can return the card to you.

Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

A. Signature **Pat Cool** Agent Addressee

B. Received by (Printed Name) **Pat Cool** C. Date of Delivery **6/21**

D. Is delivery address different from item 1? Yes No

If YES, enter delivery address below: Yes No

2. Article Addressed to:

Harold D. Justice
711 South Country Club Lane
Payson, Arizona 85541

9590 9402 5941 0062 9351 67

3. Service Type

Priority Mail Express®

Registered Mail™

Certified Mail®

Certified Mail Restricted Delivery

Return Receipt for Merchandise

Signature Confirmation™

Signature Confirmation Restricted Delivery

Postage \$ **7020 0640 0000 1389 5568** (over \$500)

PS Form 3811, July 2015 PSN 7530-02-000-9053

Domestic Return Receipt

M Per

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only**

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

8955 6921 0000 0790 0202

Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To **Harold D. Justice**

Street and Ap **711 South Country Club Lane**

City, State, ZIP+4® **Payson, Arizona 85541**

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Postmark Here

SENDER: COMPLETE THIS SECTION

1. Article Addressed to:

Complete items 1, 2, and 3.

Print your name and address on the reverse so that we can return the card to you.

Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

A. Signature **Brenda Marbo** Agent Addressee

B. Received by (Printed Name) **Brenda Marbo** C. Date of Delivery **6-4-21**

D. Is delivery address different from item 1? Yes No

If YES, enter delivery address below: Yes No

2. Article Addressed to:

Eric Chuncy Croft and Elizabeth Ann Williamson, Co-Trustees of the Charla Geraldine Williamson Trust

738 H Street
Anchorage, Alaska 99501

9590 9402 5941 0062 9381 06

3. Service Type

Priority Mail Express®

Registered Mail™

Certified Mail®

Certified Mail Restricted Delivery

Return Receipt for Merchandise

Signature Confirmation™

Signature Confirmation Restricted Delivery

Postage \$ **7020 0640 0000 1388 3152** (over \$500)

PS Form 3811, July 2015 PSN 7530-02-000-9053

Domestic Return Receipt

M Per

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee \$
 Extra Services & Fees (check box, add fee as appropriate)
 Return Receipt (hardcopy) \$
 Return Receipt (electronic) \$
 Certified Mail Restricted Delivery \$
 Adult Signature Required \$
 Adult Signature Restricted Delivery \$
 Postage \$
Total Postage and Fees \$

Sent To: Ralph E. Williamson
 Family Trust
 Street and Apt. 738 H Street
 City, State, Zip+4 Anchorage, Alaska 99501

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

0255 69ET 0000 0490 0202

SENDER: COMPLETE THIS SECTION

Complete items 1, 2, and 3.
 Print your name and address on the reverse so that we can return the card to you.
 Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:
 Michael A. Short
 110 N. Marienfeld, Suite 200
 Midland, TX 79701

2. Article Number (Three-Digit)
 7020 0640 0000 1389 5551

3. Service Type
 Priority Mail Express®
 Registered Mail™
 Adult Signature Restricted Delivery
 Certified Mail®
 Collect on Delivery*
 Restricted Delivery
 Signature Confirmation™
 Signature Confirmation Restricted Delivery

4. Insured Mail Restricted Delivery (over \$500) *M Per*

Domestic Return Receipt

PS Form 3811, July 2015 PSN 7530-02-000-9053

**U.S. Postal Service™
CERTIFIED MAIL® RECEIPT**
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee \$
 Extra Services & Fees (check box, add fee as appropriate)
 Return Receipt (hardcopy) \$
 Return Receipt (electronic) \$
 Certified Mail Restricted Delivery \$
 Adult Signature Required \$
 Adult Signature Restricted Delivery \$
 Postage \$
Total Postage and Fees \$

Sent To: Michael A. Short
 110 N. Marienfeld, Suite 200
 Midland, TX 79701

City, State, Zip+4

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

1555 69ET 0000 0490 0202

SENDER: COMPLETE THIS SECTION

Complete items 1, 2, and 3.
 Print your name and address on the reverse so that we can return the card to you.
 Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:
 Ralph E. Williamson
 Family Trust
 738 H Street
 Anchorage, Alaska 99501

2. Article Number (Three-Digit)
 7020 0640 0000 1389 5520

3. Service Type
 Priority Mail Express®
 Registered Mail™
 Adult Signature Restricted Delivery
 Certified Mail®
 Collect on Delivery*
 Restricted Delivery
 Signature Confirmation™
 Signature Confirmation Restricted Delivery

4. Insured Mail Restricted Delivery (over \$500) *M Per*

Domestic Return Receipt

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent Addressee
Brenda Marlon

B. Received by (Printed Name) *Brenda Marlon* C. Date of Delivery *6-4-21*

D. Is delivery address different from item 1? Yes No
 If YES, enter delivery address below:


PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Paul M. Fish
2155 Louisiana Boulevard NE, Suite 300
Albuquerque, New Mexico 87110



9590 9402 5941 0062 9350 68

2. Article Number (Transfer from service label)
7020 0640 0000 1389 5469

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent Addressee

B. Received by (Printed Name) _____ C. Date of Delivery _____

D. Is delivery address different from item 1? Yes No
If YES, enter delivery address below: _____

3. Service Type

<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™
<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery
<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Return Receipt for Merchandise
<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation™
<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery
<input type="checkbox"/> Collect on Delivery Restricted Delivery and Delivery	

M 022

Domestic Return Receipt

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$ _____
<input type="checkbox"/> Return Receipt (electronic)	\$ _____
<input type="checkbox"/> Certified Mail Restricted Delivery	\$ _____
<input type="checkbox"/> Adult Signature Required	\$ _____
<input type="checkbox"/> Adult Signature Restricted Delivery	\$ _____

Postage \$ _____

Total Postage \$ _____

Sent To Paul M. Fish
2155 Louisiana Boulevard NE, Suite 300
Albuquerque, New Mexico 87110

Street and Apt. No., or P.O. Box No. _____
City, State, ZIP+4® _____

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7020 0640 0000 1389 5469

Postmark Here

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Patrice Schooley Fish
2155 Louisiana Boulevard NE, Suite 300
Albuquerque, New Mexico 87110

9590 9402 5941 0062 9350 82

2. Article **7020 0640 0000 1389 5483** (over 500g)

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
 Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? Yes No
if YES, enter delivery address below: No

3. Service Type

- Priority Mail Express®
- Registered Mail™
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Return Receipt for Merchandise
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

Domestic Return Receipt *M Per*

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®

OFFICIAL USE

Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

- Return Receipt (hardcopy) \$
- Return Receipt (electronic) \$
- Certified Mail Restricted Delivery \$
- Adult Signature Required \$
- Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To Patrice Schooley Fish
2155 Louisiana Boulevard NE, Suite 300
Street and Apt. # Albuquerque, New Mexico 87110
City, State, ZIP+4®

Postmark Here

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7020 0640 0000 1389 5483

7020 0640 0000 1388 3169

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage \$

Total Postage \$

Sent To **COG Operating, LLC**
 600 W. Illinois Avenue
 Midland, Texas 79701
 Attn: Brent Sawyer

Street and Apt. 1

City, State, ZIP+4®

Postmark Here

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7020 0640 0000 1389 5629

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage \$

Total Postage \$

Sent To **Brooks Oil and Gas Interests, Ltd.**
 1044 Calico Ridge Drive
 Henderson, Nevada 89011

Street and Apt. 100, 0100000000

City, State, ZIP+4®

Postmark Here

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 Fort Worth, Texas 76107

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Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To **Mr. and Mrs. Jeffrey N. Johnston**
 P.O. Box 1324
 Midland, TX 79702

Street and Apt. 1

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<input type="checkbox"/> Return Receipt (hardcopy) \$	
<input type="checkbox"/> Return Receipt (electronic) \$	
<input type="checkbox"/> Certified Mail Restricted Delivery \$	
<input type="checkbox"/> Adult Signature Required \$	
<input type="checkbox"/> Adult Signature Restricted Delivery \$	
Postage \$	
Total Postage and Fees \$	
Sent To	Siete Oil and Gas Corporation
Street and Apt. No.	P.O. Box 2473
City, State, ZIP+4®	Midland, Texas 79702

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<input type="checkbox"/> Return Receipt (hardcopy) \$	
<input type="checkbox"/> Return Receipt (electronic) \$	
<input type="checkbox"/> Certified Mail Restricted Delivery \$	
<input type="checkbox"/> Adult Signature Required \$	
<input type="checkbox"/> Adult Signature Restricted Delivery \$	
Postage \$	
Total Postage and Fees \$	
Sent To	Diane K. Alpers Leven
Street and Apt. No.	3104 Onate Road
City, State, ZIP+4®	Roswell, NM 88201

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Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$	
<input type="checkbox"/> Return Receipt (electronic) \$	
<input type="checkbox"/> Certified Mail Restricted Delivery \$	
<input type="checkbox"/> Adult Signature Required \$	
<input type="checkbox"/> Adult Signature Restricted Delivery \$	
Postage \$	
Total Postage and Fees \$	
Sent To	Carol Shumate
Street and Apt. No.	P.O. Box 8632
City, State, ZIP+4®	Midland, Texas 79708

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Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$	
<input type="checkbox"/> Return Receipt (electronic) \$	
<input type="checkbox"/> Certified Mail Restricted Delivery \$	
<input type="checkbox"/> Adult Signature Required \$	
<input type="checkbox"/> Adult Signature Restricted Delivery \$	
Postage \$	
Total Postage and Fees \$	
Sent To	Clifton E. Shumate
Street and Apt. No.	P.O. Box 8632
City, State, ZIP+4®	Midland, Texas 79708

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Carlsbad Current Argus.

PART OF THE USA TODAY NETWORK

Affidavit of Publication

Ad # 0004765791

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JAMES BRUCE ATTORNEY AT LAW
POBOX 1056

SANTA FE, NM 87504

I, a legal clerk of the **Carlsbad Current Argus**, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

06/04/2021



Legal Clerk

Subscribed and sworn before me this June 4, 2021:



State of WI, County of Brown
NOTARY PUBLIC

1-7-25

My commission expires

KATHLEEN ALLEN
Notary Public
State of Wisconsin

Ad # 0004765791
PO #: Pub 3
of Affidavits 1

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EXHIBIT 5

NOTICE

To: COG Operating LLC, Eric Chaney Croft and Elizabeth Anne Williamson as Co-Trustees of the Charla Geraldine Williamson Trust, Ralph E. Williamson Family Trust, Siete Oil and Gas Corporation, Sand Dollar Petroleum, Inc., Mr. and Mrs. Jeffrey N. Johnston, Michael A. Short, Brooks Oil and Gas Interests, Ltd., Harold D. Justice, Donald R. Curry, Michael James Ikard, Timothy Z. Jennings, Alice M. Morello as Trustee of the Patrick J. Morello and Alice M. Morello Trust, Robert L. Thornton, Margaret K. Hunker Trust, Centennial LLC, Norton, LLC, Clifton E. Shumate, Carol Shumate, Paul M. Fish, Diane Daniels Denish individually and as Trustee of the Spencer Schreiber Trust, Patrice Schooley Fish, Douglas L. Alpers, and Diane K. Alpers Leven, or your heirs, devisees, successors, or assigns: Mewbourne Oil Company has filed an application with the New Mexico Oil Conservation Division (Case No. 21964) seeking an order pooling all mineral interests in the Wolfcamp formation underlying a horizontal spacing unit comprised of the S/25/2 of Section 9 and the S/25/2 of Section 10, Township 20 South, Range 29 East, NMPM. The unit will be dedicated to the Perazzi 9-10 WOMP Fed. Com. Well No. 1H, a horizontal well with a first take point in the SW/4SW/4 of Section 9, and a final take point in the SE/4SE/4 of Section 10. Also to be considered will be the cost of drilling and completing the well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a 200% charge for the risk involved in drilling and completing the well.

The application is scheduled to be heard at 8:15 a.m. on June 17, 2021. During the COVID-19 Public Health Emergency, state buildings are closed to the public and the hearing will be conducted remotely. To determine the location of the hearing or to participate in an electronic hearing, go to emnrd.state.nm.us/OCD/hearings or see the instructions posted on the Division's website, <http://emnrd.state.nm.us/OCD/announcements.html>. You are not required to attend this hearing, but as an owner of an interest who may be affected by the application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting this matter at a later date. The attorney for applicant is James Bruce, P.O. Box 1056, Santa Fe, New Mexico 87504, (505) 982-2043, jamesbruc@aol.com. The unit is located approximately 15-1/2 miles

east-southeast of Lakewood,
New Mexico.
#4765791, Current Argus,
June 4, 2021

COMPULSORY POOLING APPLICATION CHECKLIST**ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS**

Case:	21964
Date	June 17, 2021
Applicant	Mewbourne Oil Company
Designated Operator & OGRID (affiliation if applicable)	Mewbourne Oil Company/OGRID No. 14744
Applicant's Counsel:	James Bruce
Case Title:	Application of Mewbourne Oil Company for Compulsory Pooling, Eddy County, New Mexico
Entries of Appearance/Intervenors:	
Well Family	Perazzi 9-10 WOMP Fed. Com. Well No. 1H
Formation/Pool	
Formation Name(s) or Vertical Extent:	Wolfcamp Formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Entire Wolfcamp formation
Pool Name and Pool Code:	Burton Flat; Upper Wolfcamp, East Oil/Pool Code 98315
Well Location Setback Rules:	Statewide rules and current horizontal well rules
Spacing Unit Size:	Quarter-quarter Sections/40 acres
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320 acres
Building Blocks:	40 acres
Orientation:	West-East
Description: TRS/County	S/2S/2 §9 and S/2S/2 §10-20S-29E, NMPM, Eddy County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	
Applicant's Ownership in Each Tract	Exhibit 2 B-2
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non- standard)	Perazzi 9-10 WOMP Fed. Com. Well No. 1H API No. 30-015-Pending SHL: 750 FSL & 210 FEL §8-20S-29E BHL: 440 FSL & 100 FEL §10 FTP: 440 FSL & 100 FWL §9 LTP: 440 FSL & 100 FEL §10 Upper Wolfcamp/TVD 9303 feet/MD 19812 feet

EXHIBIT

6

Horizontal Well First and Last Take Points	See above
Completion Target (Formation, TVD and MD)	See above
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit 2, page 2
Requested Risk Charge	Cost + 200%/Exhibit 2, page 2
Notice of Hearing	
Proposed Notice of Hearing	Exhibit 1-B
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit 4-B
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit 5-B
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit 2-A-2
Tract List (including lease numbers and owners)	Exhibit 2-A-2
Pooled Parties (including ownership type)	Exhibit 2-B-2
Unlocatable Parties to be Pooled	Yes
Ownership Depth Severance (including percentage above & below)	None
Joinder	
Sample Copy of Proposal Letter	Exhibit 2-C
List of Interest Owners (i.e. Exhibit A of JOA)	Exhibit 2-B-2
Chronology of Contact with Non-Joined Working Interests	Exhibit 2-C
Overhead Rates In Proposal Letter	
Cost Estimate to Drill and Complete	Exhibit 2-D-2
Cost Estimate to Equip Well	Exhibit 2-D-2
Cost Estimate for Production Facilities	Exhibit 2-D-2
Geology	
Summary (including special considerations)	Exhibit 3
Spacing Unit Schematic	Exhibit 3-B
Gunbarrel/Lateral Trajectory Schematic	Exhibit 3-B, C
Well Orientation (with rationale)	Laydown/Exhibit 3, page 2 and Exhibit 3-B-1, 2
Target Formation	Wolfcamp
HSU Cross Section	Exhibit 3-C
Depth Severance Discussion	Not Applicable
Forms, Figures and Tables	
C-102	Exhibit 2-A-2
Tracts	Exhibit 2-A-2
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit 2-B-2

General Location Map (including basin)	Exhibit 2-A-2
Well Bore Location Map	Exhibit 2-A-2
Structure Contour Map - Subsea Depth	Exhibit 3-B-1
Cross Section Location Map (including wells)	Exhibit 3-B-2
Cross Section (including Landing Zone)	Exhibit 3-C
Additional Information	
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	James Bruce
Signed Name (Attorney or Party Representative):	<i>James Bruce</i>
Date:	June 15, 2021